

SENSEMAKERS LLC

# TRAINING & EXERCISE COURSE CATALOG





## **SenseMakers LLC**

### **Training and Exercise**

## **Course Catalog**

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# Introduction

## Purpose











The SenseMakers LLC (SenseMakers) Course Catalog provides a comprehensive list of training courses offered to local, state, and federal agencies throughout the country. The courses listed herein represent the entire SenseMakers Vendor Pool library that are readily available for delivery from pre-approved vendors. For each course, the catalog provides a description of the training, class size, duration, recommended or required prerequisites, eligible vendors, and customer/government provided equipment necessary to conduct the course. While the course list is extensive, it is by no means exhaustive and should not be a constraint against pursuing other courses or training.











## Overview











SenseMakers combines innovative training and realistic exercises to build public safety and preparedness capabilities through multi-discipline training for local government public safety staff, regionwide cross-functional exercises, and community preparedness activities specifically geared toward community-based organizations throughout the country. Training and exercises are critical means to attain, practice, validate, and improve capabilities across disciplines.











## SenseMakers Vendor Courses











The following table lists available SenseMakers vendor courses and the appropriate training audience by functional area: Law Enforcement (LE), Fire (FR), Emergency Medical Services (EMS), Emergency Management (EM), Public Health (PH), Community Preparedness (CP), Cybersecurity/Cyber Resilience (C/CR), Public Information Officer (PIO), Operational Communications (OC), and Domestic Counterterrorism/Fusion Center (DC/FC).

#	Course Name										
		LE	FR	EMS	EM	PH	CP	C/CR	PIO	OC	DC/FC
SM001	Accelerated NREMT-B (Custom delivered to end user role)	◆	◆	◆	◆	◆					
SM002	Active Shooter Emergency Response for Law Enforcement	◆									
SM003	Advanced Electronics for Bomb Technicians	◆	◆	◆	◆	◆					
SM004	Advanced Ordnance Recognition for Law Enforcement	◆	◆		◆						
SM005	Advanced Radiological Contamination	◆	◆								
SM006	Aircraft Rescue and Firefighting Awareness		◆								
SM007	Analytic Unit Supervisor	◆	◆	◆	◆	◆	◆				
SM008	Analytics for Public Safety	◆	◆	◆	◆	◆	◆				
SM009	Anticipate, Plan, Deter - Basic	◆	◆	◆	◆	◆					
SM010	Anticipate, Plan, Deter - Comprehensive	◆	◆	◆	◆	◆					
SM011	Architecting on AWS	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM012	Armored Vehicle Operations Workshop	◆									
SM013	At-the-Ready: Cybersecurity Preparedness Plan							◆			
SM014	At-the-Ready: Incident Response Tabletop Exercise							◆			
SM015	AWS Business Essentials	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM016	Ballistic Shield Operator	◆									
SM017	Behavioral and Predictive Analysis	◆									
SM018	Big Data on AWS	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM019	Boat Crew Member (BCM)	◆	◆	◆	◆	◆					
SM020	Boat Operator Search and Rescue (BOSAR)	◆	◆	◆	◆	◆					











#	Course Name										
		LE	FR	EMS	EM	PH	CP	C/CR	PIO	OC	DC/FC
SM021	Bugcrowd Training and Certification Overview	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM022	Carbine Skills for Law Enforcement	◆									
SM023	Cell Phone Data and Mapping	◆	◆	◆	◆	◆	◆				
SM024	Cell Phone Investigations	◆	◆	◆	◆	◆	◆				
SM025	Certified Cloud Security Officer – C)CSO	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM026	Certified Cybersecurity Analyst – C)CSA	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM027	Certified Digital Forensic Examiner – C)DFE	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM028	Certified Disaster Recovery Engineer – C)DRE	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM029	Certified Healthcare IS Security Practitioner – CHISSP	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM030	Certified Incident Handling Engineer – C)IHE	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM031	Certified Information Security Management Systems – Lead Auditor – C)ISMS-LA	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM032	Certified Information Security Management Systems – Lead Implementer – C)ISMS-LI	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM033	Certified Information Systems Risk Manager – C)ISRM	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM034	Certified Information Systems Security Auditor – C)ISSA	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM035	Certified Information Systems Security Manager – C)ISSM	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM036	Certified Information Systems Security Officer – C)ISSO	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM037	Certified Network Forensic Examiner – C)NFE	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM038	Certified Penetration Testing Consultant – C)PTC	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM039	Certified Penetration Testing Engineer – C)PTE	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM040	Certified PowerCLI Engineer – C)PCE	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM041	Certified Professional Ethical Hacker – C)PEH	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM042	Certified Secure Web Applications Engineer – C)SWAE	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM043	Certified Security Awareness for End Users – C)SA1	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆











#	Course Name										
		LE	FR	EMS	EM	PH	CP	C/CR	PIO	OC	DC/FC
SM044	Certified Security Awareness for Managers – C)SA2	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM045	Certified Security Leadership Officer – C)SLO	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM046	Certified Security Principles – C)SP	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM047	Certified Virtualization and Cloud Principles – C)VCP	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM048	Certified Virtualization Engineer v6.5 – C)VE	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM049	Certified Virtualization Forensics Examiner – C)VFE	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM050	Certified Virtualization Security Engineer – C)VSE	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM051	Certified Vulnerability Assessor – C)VA	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM052	Cisco Training and Certification Overview	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM053	Cloud Security and Cybersecurity Resilience							◆			
SM054	Community Emergency Response Team (CERT) Program Manager				◆						
SM055	Community Emergency Response Team (CERT) Train-the-Trainer				◆						
SM056	Community Resilience AWR-228	◆	◆	◆	◆	◆					
SM057	Confined Space Rescue Level I & II	◆	◆	◆	◆	◆					
SM058	Confined Space Rescue Technician		◆								
SM059	Continuity of Operations/Business Continuity Planning Program Workshop	◆	◆	◆	◆	◆					
SM060	Cost Recovery for Debris Management				◆						
SM061	Cost Recovery Planning				◆						
SM062	Counter Drone	◆	◆	◆	◆	◆					
SM063	Countering Violent Extremism	◆	◆	◆	◆	◆					
SM064	Creating a Security Culture							◆			
SM065	Crisis Decision Making and Problem Solving	◆	◆	◆	◆	◆					
SM066	Critical Incident Response for Supervisors and Managers	◆	◆		◆						
SM067	Critical Thinking (Full Day Course)	◆	◆	◆	◆	◆					
SM068	Critical Thinking (Half Day Course)	◆	◆	◆	◆	◆					
SM069	Critical Thinking for Public Safety	◆	◆	◆	◆	◆	◆				











#	Course Name										
		LE	FR	EMS	EM	PH	CP	C/CR	PIO	OC	DC/FC
SM070	Crowdstrike Certification and Training Overview	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM071	Cyber Incident Response Planning (Classroom Delivery)							◆			
SM072	Cyber Incident Response Planning (Virtual Delivery)							◆			
SM073	Cyber Ready Community Game							◆			
SM074	Cyber Strategies to Combat Human Trafficking	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM075	Cybersecurity for Business Executives Course - CYB201	◆	◆	◆	◆	◆					
SM076	Damage Assessment Planning for Disaster Cost Recovery				◆						
SM077	Dark Web Investigations	◆	◆	◆	◆	◆	◆				
SM078	Designated Marksman for Law Enforcement	◆									
SM079	Developing on AWS	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM080	Digital Transformation Hub Introduction to Public Sector Innovation through Distribution Thinking	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM081	Disaster Cost Recovery				◆						
SM082	Disaster Pay, Employee Feeding, and Housing for Cost Recovery				◆						
SM083	Disaster Recovery Financial Management Best Practices	◆	◆	◆	◆	◆					
SM084	Disaster Recovery Reform Act of 2018 (DRRA) Overview and Wildfire Provisions	◆	◆	◆	◆	◆					
SM085	Dragos Training and Certification Overview	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM086	E/L 950: All-Hazards Position Specific Incident Commander	◆	◆	◆	◆	◆					
SM087	E/L 952: All-Hazards Position Specific Public Information Officer	◆	◆	◆	◆	◆					
SM088	E/L 954: All-Hazards Position Specific Safety Officer	◆	◆	◆	◆	◆					
SM089	E/L 956: All-Hazards Position Specific Liaison Officer	◆	◆	◆	◆	◆					
SM090	E/L 958: All-Hazards Position Specific Operations Section Chief	◆	◆	◆	◆	◆					
SM091	E/L 960: All-Hazards Position Specific Division/Group Supervisor	◆	◆	◆	◆	◆					

#	Course Name										
		LE	FR	EMS	EM	PH	CP	C/CR	PIO	OC	DC/FC
SM092	E/L 962: All-Hazards Position Specific Planning Section Chief	◆	◆	◆	◆	◆					
SM093	E/L 964: All-Hazards Position Specific Situation Unit Leader	◆	◆	◆	◆	◆					
SM094	E/L 965: All-Hazards Resources and Demobilization Unit Leaders	◆	◆	◆	◆	◆					
SM095	E/L 967: All-Hazards Position Specific Logistics Section Chief	◆	◆	◆	◆	◆					
SM096	E/L 969: All Hazards Communications Unit Leader	◆	◆	◆	◆	◆					
SM097	E/L 970: All Hazards Supply Unit Leader	◆	◆	◆	◆	◆					
SM098	E/L 971: All Hazards Facilities Unit Leader	◆	◆	◆	◆	◆					
SM099	E/L 973: All Hazards Finance/Administration Section Chief	◆	◆	◆	◆	◆					
SM100	E/L 975: All Hazards Finance/Administration Unit Leader	◆	◆	◆	◆	◆					
SM101	E/L 984: Task Force/Strike Team Leader	◆	◆	◆	◆	◆					
SM102	E/L 986: Air Support Group Supervisor	◆	◆	◆	◆	◆					
SM103	E/L 987: Introduction to Air Operations	◆	◆	◆	◆	◆					
SM104	Effective Writing for Public Safety	◆	◆	◆	◆	◆	◆				
SM105	Elevated Tactics	◆									
SM106	Emergency Management Concepts: All-Hazards	◆	◆	◆	◆	◆	◆		◆	◆	
SM107	EMT Refresher/Recert	◆	◆	◆	◆	◆					
SM108	EOC Finance Section Training				◆						
SM109	EOC Situational Awareness and Common Operational Picture Course	◆	◆	◆	◆	◆					
SM110	EOD - 3D Design & Additive Manufacturing	◆	◆								
SM111	EOD - First Responder Hand Entry & Manual Disablement	◆	◆								
SM112	EOD - First Responder X-Ray	◆	◆								
SM113	EOD - Special Event Response	◆	◆								
SM114	EODIA - Integrated Assault	◆	◆								
SM115	Excel for Public Safety	◆	◆	◆	◆	◆	◆				
SM116	Fire Boat Small (FBS)		◆								























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		LE	FR	EMS	EM	PH	CP	C/CR	PIO	OC	DC/FC
SM117	Fire Control 5: Aircraft Rescue and Fire Fighting		◆								
SM118	FireEye Training and Certification Overview	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM119	First Receiver Operations and Decontamination for Healthcare		◆	◆		◆					
SM120	G108: Community Mass Care and Emergency Assistance	◆	◆		◆	◆					
SM121	G191: ICS / EOC Interface	◆	◆	◆	◆	◆					
SM122	G194.4: Preparing for Post Disaster Responsibilities	◆	◆	◆	◆	◆					
SM123	G197: Integrating Access & Functional Needs into Emergency Management	◆	◆	◆	◆	◆					
SM124	G205: Recovery from Disaster: The Local Community Role	◆	◆	◆	◆	◆	◆		◆	◆	
SM125	G235: Emergency Planning	◆	◆	◆	◆	◆	◆		◆	◆	
SM126	G265: Basic Instructional Skills	◆	◆	◆	◆	◆					
SM127	G288: Volunteers and Donations Management			◆	◆	◆					
SM128	G289/IS 29: Public Information Officer Awareness	◆	◆	◆	◆	◆					
SM129	G290: Public Information Officer – Basic	◆	◆	◆	◆	◆					
SM130	G291: Joint Information System/Joint Information Center Planning for Tribal, State, and Local PIOs	◆	◆	◆	◆	◆					
SM131	G318: Local Mitigation Planning Workshop				◆						
SM132	G358: Evacuation and Re-Entry Planning	◆	◆		◆						
SM133	G364: Multi-Hazard Planning for Schools				◆						
SM134	G393: Mitigation for Emergency Managers				◆						
SM135	G418: Mass Care Emergency Assistance (MC-EA) Planning and Operations	◆	◆	◆	◆	◆					
SM136	G489: Management of Spontaneous Volunteers	◆	◆	◆	◆	◆					
SM137	G556: Local Damage Assessment	◆	◆	◆	◆	◆					
SM138	G557: Rapid Assessment Workshop			◆	◆	◆					
SM139	G606 SEMS Introductory Course	◆	◆	◆	◆	◆					
SM140	G611F: EOC Section Overview: Finance and Administration	◆	◆	◆	◆	◆					











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		LE	FR	EMS	EM	PH	CP	C/CR	PIO	OC	DC/FC
SM141	G611L: EOC Section Overview: Logistics	◆	◆	◆	◆	◆					
SM142	G611M: EOC Section Overview: Management	◆	◆	◆	◆	◆					
SM143	G611O: EOC Section Overview: Operations	◆	◆	◆	◆	◆					
SM144	G611P: EOC Section Overview: Planning and Intelligence	◆	◆	◆	◆	◆					
SM145	G611W: EOC Operations: Water/Wastewater Utilities	◆	◆	◆	◆	◆	◆		◆	◆	
SM146	G626E: Essential EOC Action Planning	◆	◆	◆	◆	◆					
SM147	G775: EOC Management and Operations	◆	◆	◆	◆	◆					
SM148	GPS Forensics	◆	◆	◆	◆	◆					
SM149	Handtevy Pediatric Emergency Standards		◆	◆		◆					
SM150	HazMat Assistant Safety Officer	◆	◆	◆							
SM151	HazMat Awareness and Operations	◆	◆	◆	◆	◆					
SM152	HazMat First Responder Operations		◆	◆		◆					
SM153	HazMat Incident Commander	◆	◆	◆							
SM154	HazMat Specialist 1F		◆	◆		◆					
SM155	HazMat Specialist 1G		◆	◆		◆					
SM156	HazMat Technician	◆	◆	◆	◆	◆					
SM157	HazMat Technician Module A		◆	◆		◆					
SM158	HazMat Technician Module B		◆	◆		◆					
SM159	HazMat Technician Module C		◆	◆		◆					
SM160	HazMat Technician Module D		◆	◆		◆					
SM161	HazMat Weapons of Mass Destruction	◆	◆	◆							
SM162	Hostage Rescue for Law Enforcement	◆									
SM163	Human Trafficking (HT) Modern-Day Slavery	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM164	Human Trafficking Seminar (HTS)/The State of Human Trafficking in California (HTCA)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM165	i2 Analyst Notebook	◆	◆	◆	◆	◆	◆				
SM166	ICS 100: Introduction to the Incident Command System	◆	◆	◆	◆	◆					
SM167	ICS 200: ICS for Single Resources and Initial Action Incidents	◆	◆	◆	◆	◆					











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		LE	FR	EMS	EM	PH	CP	C/CR	PIO	OC	DC/FC
SM168	ICS 300: Intermediate ICS for Expanding Incidents	◆	◆	◆	◆	◆					
SM169	ICS 400: Advanced Incident Command System Command and General Staff - Complex Incidents	◆	◆	◆	◆	◆					
SM170	ICS 402: Incident Command System for Executive Staff	◆	◆	◆	◆	◆					
SM171	IED - Electronic Design & Defeat	◆	◆								
SM172	IED - Micro Professor	◆	◆								
SM173	Implementing and Maintaining Secure Remote and Mobile Computing							◆			
SM174	Implementing Email, Social Engineering, and Phishing Security							◆			
SM175	IMS 650: Jurisdictional Crisis Emergency Management - Incident Command Post (ICIM-ICP)	◆	◆	◆	◆	◆					
SM176	IMS 655: Jurisdictional Crisis Emergency Management - Emergency Operations Center (ICEM-EOC)	◆	◆	◆	◆	◆					
SM177	In-the-Know: Cybersecurity Awareness Training	◆	◆		◆	◆		◆			
SM178	In-the-Know: Know Your Vulnerabilities Before Hackers Do & SOC Capabilities							◆			
SM179	In-the-Know: Phishing Simulation							◆			
SM180	Industrial Control Systems Vulnerabilities and Protection	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM181	Information Systems Certification and Accreditation Professional – ISCAP	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM182	Insurance and Risk Management for Disaster Cost Recovery				◆						
SM183	Internet of Things Investigations	◆	◆	◆	◆	◆	◆				
SM184	IS 20: Security Controls	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM185	IS 505: Religious and Cultural Literacy and competency in Disaster	◆	◆	◆	◆	◆					
SM186	IS 523: Resilient Accord – Exercising Continuity Plans for Cyber Incidents ( <i>Enhanced</i> ) (Classroom Delivery)							◆			
SM187	IS 523: Resilient Accord – Exercising Continuity Plans for Cyber Incidents ( <i>Enhanced</i> ) (Virtual Delivery)							◆			
SM188	IS 700: National Incident Management System, an Introduction	◆	◆	◆	◆	◆					

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		LE	FR	EMS	EM	PH	CP	C/CR	PIO	OC	DC/FC
SM189	ISO 27001: Lead Auditor							◆			
SM190	ISO 27001: Lead Implementer							◆			
SM191	ISO 27032: Lead Cybersecurity Manager							◆			
SM192	ISO 27701: Privacy Information Management System							◆			
SM193	Krav Maga Firearm Threat Defense and Weapon Retention	◆									
SM194	L0101: Foundations of Emergency Management	◆	◆	◆	◆	◆	◆		◆	◆	
SM195	L0102: Science of Disaster	◆	◆	◆	◆	◆	◆		◆	◆	
SM196	L0103: Planning: Emergency Operations	◆	◆	◆	◆	◆	◆		◆	◆	
SM197	L0105: Public Information and Warning	◆	◆	◆	◆	◆	◆		◆	◆	
SM198	L0146: Homeland Security Exercise Evaluation Program (HSEEP): Basic Course	◆	◆	◆	◆	◆	◆		◆	◆	
SM199	L0388: Advanced Public Information Officer (APIO)	◆	◆	◆	◆	◆	◆		◆	◆	
SM200	Law Enforcement Response to Terrorism	◆									
SM201	Leadership in Crisis	◆	◆	◆	◆	◆					
SM202	Legal Issues for Disaster Cost Recovery				◆						
SM203	Local Shelter Management	◆	◆	◆	◆	◆					
SM204	Low Angle Rope Rescue Operational		◆								
SM205	Malware Reverse Engineering	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM206	Maritime Interdiction for Law Enforcement	◆									
SM207	Mass Fatality Management	◆	◆	◆	◆	◆					
SM208	Medical Health Operations Center Support Activities			◆		◆					
SM209	Medical Response to the Active Shooter and Mass Casualty Incident for Fire and EMS		◆	◆							
SM210	Medical Specialist		◆	◆							
SM211	MGT-440: Sports and Special Events Incident Management	◆	◆	◆	◆	◆					
SM212	MGT-455: Radiological Operations Support Specialist (ROSS) Training	◆	◆	◆		◆					
SM213	Mitigating Issues in Protecting Places of Worship - Lessons Learned and Security Best Practices	◆	◆	◆	◆	◆					

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		LE	FR	EMS	EM	PH	CP	C/CR	PIO	OC	DC/FC
SM214	Multi-Assault Counter Terrorism Action Capability (MACTAC)	◆									
SM215	NAEMT Trauma First Responder	◆	◆	◆		◆					
SM216	Night Vision/Infrared Laser Skill for Law Enforcement	◆									
SM217	O-305: All-Hazards Incident Management Team (AHIMT)	◆	◆	◆	◆						
SM218	Officer Water Survival (OWS)	◆	◆	◆	◆	◆					
SM219	OneNote: Digital Case Management	◆	◆	◆	◆	◆	◆				
SM220	Online Investigations	◆	◆	◆	◆	◆	◆				
SM221	Open Sources Investigations	◆	◆	◆	◆	◆	◆				
SM222	Open Water Rescue Boat Operator – Large Vessel		◆	◆							
SM223	Open Water Rescue Boat Operator – Small Vessel		◆	◆							
SM224	Open Water Rescuer - Basic		◆	◆							
SM225	Operational Response to Mass Casualty Incidents (ORMAC)	◆	◆	◆	◆	◆					
SM226	PER-304: Social Media for Natural Disaster Response and Recovery	◆	◆	◆	◆	◆					
SM227	PER-343: Social Media Engagement Strategies	◆	◆	◆	◆	◆	◆		◆	◆	
SM228	PER-344: Social Media Tools and Techniques	◆	◆	◆	◆	◆	◆		◆	◆	
SM229	Personal Business Cybersecurity for End-Users							◆			
SM230	Personal Security Detail Training for Law Enforcement	◆									
SM231	PIO and Community Involvement	◆	◆	◆	◆	◆	◆				
SM232	PIO Joint Information Center/Joint Information System Workshop	◆	◆		◆						
SM233	Pistol Skills for Law Enforcement	◆									
SM234	Plainclothes Surveillance Operations	◆									
SM235	Planning Section Training	◆	◆	◆	◆	◆					
SM236	PowerPoint for Public Safety	◆	◆	◆	◆	◆	◆				
SM237	Pre-Disaster Photo Documentation				◆						
SM238	Precision Aim/XTK	◆	◆								

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		LE	FR	EMS	EM	PH	CP	C/CR	PIO	OC	DC/FC
SM239	Purchasing for Disaster Cost Recovery				◆						
SM240	Pursuit and STOP (PAS)	◆									
SM241	Radiation Event Scenario Training Level 1	◆	◆	◆	◆	◆					
SM242	Radiation Response Specialist 3-Day	◆	◆	◆	◆	◆					
SM243	Radiation Response Specialist 5-Day	◆	◆	◆	◆	◆					
SM244	Real-Time Cell Phone Investigations	◆	◆	◆	◆	◆	◆				
SM245	Red Team vs Blue Team 1	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM246	Red Team vs Blue Team 2	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM247	Rescue Systems 1		◆								
SM248	Rescue Systems 2		◆								
SM249	Rescue Systems 3		◆								
SM250	Rescue Task Force (Active Shooter)	◆	◆	◆		◆					
SM251	Rope Rescue: Tier I – Intro to Knots, Rappel/Belay Ops, and Mechanical Advantages		◆								
SM252	Rope Rescue: Tier II – Mechanical Advantage Workshop		◆								
SM253	Rope Rescue: Tier III – Team Dynamics Workshop		◆								
SM254	Rope Rescue Operations (Level I)	◆	◆	◆	◆	◆					
SM255	Rope Rescue Technician		◆								
SM256	S-190: Intro to Wildland Behavior	◆	◆	◆							
SM257	S-404: Safety Officer	◆	◆	◆	◆	◆					
SM258	S-420: Command and General Staff	◆	◆	◆	◆	◆					
SM259	Secrets to Successful Cloud Transformation	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM260	Secureworks Threat Intelligence Overview	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM261	Securing Critical Infrastructure	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM262	Securing Your Identity	◆	◆	◆	◆	◆	◆				
SM263	Security Engineering on AWS	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM264	Single Officer Terror Threat Active Shooter Intervention	◆									
SM265	Small Vessel Maritime RND Operations	◆	◆	◆	◆	◆					
SM266	Smart and Secure Leadership: Cyber Resilience Planning							◆			

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		LE	FR	EMS	EM	PH	CP	C/CR	PIO	OC	DC/FC
SM267	Social Media Methods	◆	◆	◆	◆	◆	◆				
SM268	Splunk Training and Certification Overview	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM269	SRI International Training and Certification Overview	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM270	Structural Collapse Operations (Level I)	◆	◆	◆	◆	◆	◆				
SM271	Structural Collapse Technician (Level II)	◆	◆	◆	◆	◆	◆				
SM272	System Operations on AWS	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM273	Tactical Life Saver Course	◆									
SM274	Tactical Medical Lifesaver	◆	◆		◆						
SM275	Tactical Operators Course (TOC)	◆									
SM276	Tactical Science for Law Enforcement	◆	◆	◆	◆	◆					
SM277	Targeting Sabotage and Disruption of Public Utilities	◆	◆	◆							
SM278	Technical Essentials	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM279	Terrorism I: International Terrorism	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM280	Terrorism II: Domestic Terrorism	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM281	Terrorism III: Advanced Counter-Terrorism Strategies	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM282	Terrorism Intelligence Analysis	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM283	Terrorist Attack Cycle LET711	◆			◆						
SM284	The Crisis Brain: Neuroscience Applications for Resilient Leaders and Communities (Full Day Course)	◆	◆	◆	◆	◆					
SM285	The Crisis Brain: Neuroscience Applications for Resilient Leaders and Communities (Half Day Course)	◆	◆	◆	◆	◆					
SM286	Threat Hunting	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM287	Threat Intelligence	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM288	Trench Rescue Level I & II	◆	◆	◆	◆	◆					
SM289	Trench Rescue Technician		◆								
SM290	Unmanned Aircraft Systems (UAS) Advanced Operators	◆	◆	◆	◆	◆					
SM291	Unmanned Aircraft Systems (UAS) Basic Pilot	◆	◆	◆	◆	◆					
SM292	Unmanned Aircraft Systems (UAS) Crime and Accident Scene Investigation	◆	◆	◆	◆	◆					

#	Course Name										
		LE	FR	EMS	EM	PH	CP	C/CR	PIO	OC	DC/FC
SM293	Unmanned Aircraft Systems (UAS) Operators Course	◆	◆	◆	◆	◆					
SM294	Vehicle & Machinery Operations (Level I)	◆	◆	◆	◆	◆					
SM295	Vehicle & Machinery Operations (Level II)	◆	◆	◆	◆	◆					
SM296	Vehicular Vulnerabilities	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
SM297	Volunteers, Donations, and Survivor's Services for Cost Recovery				◆						
SM298	WMD/Terrorism Response for the Technician and Specialist	◆	◆								
SM299	Work and Activity Documentation Planning for Cost Recovery				◆						
SM300	Work Process Flow for Disaster Cost Recovery				◆						
SM301	Working in the Edge of Chaos	◆			◆						



## Course Descriptions

The following pages contain course descriptions, schedules, and other important information.

*Disclaimer: Due to periodic course revisions and updates, information contained in this catalog may not reflect the most current accurate course information. Please contact us at [jim@sensemakersllc.com](mailto:jim@sensemakersllc.com) if you have questions regarding any of the courses within this catalog.*



## Accelerated NREMT-B (Custom delivered to end user role)

### Course Description

18 Day EMT Basic Program. NREMT and State Approved. Course includes required clinical contact time. Course meets all NREMT and Tittle 22 requirements. Course will be modified for end users' uniform roles. i.e. Law enforcement/EMS/Fire.

### Performance Objectives

Integrating certified EMTs into all branches of Public Safety.

<b>Max Students/Course</b>	35
<b>Duration</b>	15 consecutive 12-hour days with additional 24-hour clinical rotation with option to choose no training weekends - 21-day EMT.
<b>No. Instructors</b>	4 (1:8)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Possess a high school diploma or GED equivalent</li> <li>▪ Possess a current American Heart Association Healthcare Provider BLS certification card</li> <li>▪ Have a current California Driver's license Have current Immunization Records for: TB-Tuberculosis within 1 year</li> <li>▪ Tetanus within 10 years</li> <li>▪ MMR- Measles, Mumps, Rubella (childhood record OK) Varicella Immunity</li> <li>▪ Hepatitis B - At least shot #1 in series</li> </ul>
<b>Certifications/Permits/Licenses</b>	Course is approved through Alameda and Sacramento counties for delivery. Upon successful completion of the course students can sit for NREMT-B exam. Upon completion and achieving passing score on NREMT exam students can apply for state licensure through local ems authority.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	The Raytom Group
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 35 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> <li>▪ A/V equipment</li> <li>▪ Black boots</li> <li>▪ Black EMS belt</li> <li>▪ Navy EMS pants</li> <li>▪ Stethoscope</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom space in Alameda or Sacramento County to facilitate for up to 35 course attendees. All required EMT-B training equipment.</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ E-book</li> <li>▪ NREMT voucher</li> </ul>
<b>Schedule of Events</b>	15 consecutive 12-hour days with additional 24-hour clinical rotation with option to choose no training weekends - 21-day EMT.

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Active Shooter Emergency Response for Law Enforcement

### Course Description

This course provides officers with the needed skills to respond and act to an active shooter in a non-permissive environment.

### Performance Objectives

Officers will gain knowledge of actions on, command and control and appropriate tactics to successfully deal with active shooter situations.

<b>Max Students/Course</b>	30
<b>Duration</b>	2 days (16 hours)
<b>No. Instructors</b>	3 (1:10)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	Certificate given upon completion
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Defoor Consulting Inc., The Raytom Group
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom/training facility for 30 students</li> <li>Tables and chairs</li> <li>Whiteboard</li> <li>A/V equipment</li> </ul>
<b>Contractor Provided Equipment</b>	Instructors provide their own: <ul style="list-style-type: none"> <li>Gear</li> <li>Weapons</li> <li>Ammunition</li> </ul>
<b>Student Materials</b>	Students much provide their own: <ul style="list-style-type: none"> <li>Gear</li> <li>Weapons</li> <li>Ammunition</li> <li>Hand-held radios</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 2 days for a total of 16 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Advanced Electronics Training for Bomb Technicians

### Course Description

This 40-hour Explosives Ordnance Disposal (EOD) Electronics Course reveals how modern electronics offer the terrorist a broad range of options for device design and construction. Assuming no previous knowledge of electronics, participants gain a practical understanding of devices such as collapsing circuits (traditional and solid state), modification of commercial technologies for use in IEDs, and remote-controlled IEDs (RCIEDs), including dual tone multi-frequency (DTMF), and other coding systems.

### Performance Objectives

- This course will enable the first responders in law enforcement, fire services, tactical teams and emergency management who are bomb technicians to have the most up to date information on advanced electronics and circuits that terrorists are using worldwide.

<b>Max Students/Course</b>	24		
<b>Duration</b>	5 days (40 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	3 (1:8)		
<b>Prerequisites</b>	Mandatory: Must have attended Hazardous Device School or Naval School Explosive Ordnance Disposal		
<b>Certifications/Permits/Licenses</b>	EOD Certificate from Hazardous Device School or Naval Explosive Ordnance Disposal		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Improvised Electronics		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 24 students</li> <li>Tables and chairs</li> <li>First-line equipment</li> <li>Laptop for Arduino (optional)</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Training Guide</li> <li>Multimeter</li> <li>Soldering irons</li> <li>Breadboards</li> <li>Electronic components</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Training Guide</li> <li>Multimeter</li> <li>Soldering irons</li> <li>Breadboards</li> <li>Electronic components</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Labs</b>
<b>(Estimate)</b>		0800 – 1200	DC Theory (Resistors, Batteries, Capacitors, and Switches) - Lecture
		1200 – 1300	Lunch
		1300 – 1700	DC Theory (Resistors, Batteries, Capacitors, and Switches) - Lab
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Labs</b>
		0800 – 1200	Relays, Diodes, Transistors, MOSFETs, and SCRs - Lecture
		1200 – 1300	Lunch
		1300 – 1700	Relays, Diodes, Transistors, MOSFETs, and SCRs - Lab

<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Labs</b>
	0800 – 1200	IC Chips, Logic Chips, and RCIED Circuits - Lecture
	1200 – 1300	Lunch
	1300 – 1700	IC Chips, Logic Chips, and RCIED Circuits - Lab
<b>DAY 4</b>	<b>0800 – 1630</b>	<b>Classroom Lecture and Practical Labs</b>
	0800 – 1200	Programming Concepts and Aduino Applied to IEDs - Lecture
	1200 – 1300	Lunch
	1300 – 1700	Programming Concepts and Aduino Applied to IEDs - Lab
<b>DAY 5</b>	<b>0800 – 1630</b>	<b>Practical Labs</b>
	0800 – 1200	Capstone IED Team Build/Handy Entry Lab - Lab One
	1200 – 1300	Lunch
	1300 – 1700	Capstone IED Team Build/Handy Entry Lab - Lab Two
<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks) each day



## Advanced Ordnance Recognition for Law Enforcement

### Course Description

This course is designed for Hazardous Device School Certified Bomb Technicians or equivalents desiring specialized training in the recognition and identification of military ordnance. Participants will be provided with comprehensive training through a combination of classroom instruction and hands-on activities designed to increase technician knowledge and response capabilities of state, local, and federal emergency responders. The National Bomb Squad Commanders Advisory Board (NBSCAB) recognizes completion of this course as meeting the standards for PSBS ordnance training and certification IAW with the 2016 National Guidelines for Bomb Technicians. The Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF) Certified Explosives Specialist (CES) training program mandates this course.

### Performance Objectives

- Demonstrate knowledge of policies and regulatory guidance regarding response and ordnance remediation operations
- Demonstrate the ability to convert between U.S. and metric units of measurement
- Describe basic electricity and circuits
- Describe the role of physics as it relates to munitions
- Describe explosives and their effects
- Describe ordnance safety precautions for munitions
- Differentiate between different fuze types and their functions
- Identify ordnance using marking and color codes
- Differentiate between different types of grenades
- Compare and contrast different types of landmines
- Identify firing devices and other explosive devices
- Compare and contrast different types of submunitions
- Compare and contrast different types of projectile fuzes
- Compare and contrast different types of projectiles
- Compare and contrast different types of surface/air rockets
- Compare and contrast different types of surface/air guided missiles
- Compare and contrast different types of bomb fuzes
- Compare and contrast different types of aircraft bombs
- Compare and contrast different types of dispensers
- Compare and contrast different types of pyrotechnics
- Compare and contrast miscellaneous hazards associated with air ordnance
- Compare and contrast chemical agents, compounds, and ordnance
- Differentiate between munitions response and ordnance remediation
- Describe commonly used location and detection equipment

<b>Max Students/Course</b>	24
<b>Duration</b>	10 days (80 hours)
<b>No. Instructors</b>	1 (1:24)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Hazardous Device School Certification or equivalent</li> <li>▪ Photo identification</li> <li>▪ Confirmation of current employment with either a law enforcement agency or other state/local response authority using departmental letterhead</li> </ul>
<b>Certifications/Permits/Licenses</b>	Pending DHS and Cal OES Approval
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	L2 Defense

<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Climate controlled classroom for 24 students</li> <li>Tables and chairs</li> <li>Projector</li> <li>Screen</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Sample ordnance</li> <li>iPad</li> <li>Calculator</li> <li>Clipboard</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Advance Ordnance Recognition for Law Enforcement student manual</li> <li>Advance Ordnance Recognition for Law Enforcement flip book</li> <li>Pen, pencil, highlighter, and notebook</li> <li>Course Certificates</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0830	Opening Remarks/Introductions/Administrative Matters
		0830 – 1200	Module One: Ordnance Response and Remediation Guidelines
			Module Two: Mathematics
		1200 – 1300	Lunch
		1300 – 1700	Module Three: Electricity
			Module Four: Physics
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Module Five: Explosives and Explosive Effects
			Module Six: Ordnance Safety Precautions
		1200 – 1300	Lunch
		1300 – 1700	Module Seven: Fuze Functioning
	<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture, Practical Exercises, and Test</b>
		0800 – 1200	Test 1: Progress Test
			Module Eight: Ordnance Identification
		1200 – 1300	Lunch
		1300 – 1700	Module Nine: Grenades
	<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Module Ten: Landmines
			Module Eleven: Firing Devices and Other Explosive Devices
		1200 – 1300	Lunch
		1300 – 1700	Module Twelve: Submunitions
	<b>DAY 5</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Module Thirteen: Projectile Fuzes
		1200 – 1300	Lunch
		1300 – 1700	Module Fourteen: Projectiles and Mortars
	<b>DAY 6</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Module Fifteen: Rockets
			Module Sixteen: Guided Missiles
		1200 – 1300	Lunch
		1300 – 1700	Module Seventeen: Bomb Fuzes
			Module Eighteen: Aircraft Bombs
	<b>DAY 7</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>

	0800 – 1200	Module Nineteen: Dispensers Module Twenty: Dispenser Submunitions Module Twenty-One: Pyrotechnics
	1200 – 1300	Lunch
	1300 – 1700	Module Twenty-Two: Miscellaneous Hazards Module Twenty-Three: Chemical Ordnance
<b>DAY 8</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Test 2: Ordnance identification and Safety Test Module Twenty-Four: Ordnance Response, Mitigation, and Remediation
	1200 – 1300	Lunch
	1300 – 1700	Module Twenty-Five: Metal Detectors
<b>DAY 9</b>	<b>0800 – 1700</b>	<b>Practical Exercises and Course Review</b>
	0800 – 1700	Module Twenty-Six: Detection and Identification Resources (Activity) Course Review
	1200 – 1300	Lunch
<b>DAY 10</b>	<b>0800 – 1700</b>	<b>Comprehensive Test</b>
	0800 – 1700	Comprehensive Test and Course Graduation
	1200 – 1300	Lunch
<b>Total Time</b>	80 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (1 – ten (10) minute break after each module) each day





## Advanced Radiological Contamination

### Course Description

The Advanced Radiological Contamination (ARC) training program is designed for First Responders, DOD, DHS and other specialized teams with a mission to conduct radiological and nuclear incident response operations. The course covers radiological decontamination techniques through the understanding of proper instrumentation selection, best practices, and SOP development. The Students will also run a half day live contamination lane to reinforce materials covered in the classroom lectures.

### Performance Objectives

Through the introduction of loose form radioactive contamination in realistic scenario, participants are able to operate in a known radiological contaminated environment while performing mission critical CBRNE response tasks including contamination control, exposure control, decontamination, measurement and detection.

Max Students/Course	20		
Duration	1 day (8 hours)		
No. Instructors	2 (1:10)		
Prerequisites	HazMat Technician Certification or Department of Defense (DOD) Chemical, Biological, Radiological, Nuclear, and Explosive materials (CBRNE) equivalent training.		
Certifications/Permits/Licenses	Pending DHS and Cal OES Approval		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	L2 Defense		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 20 students</li><li>▪ Tables and chairs</li><li>▪ Projector</li><li>▪ White Board</li><li>▪ Location to perform live contamination venue (i.e. Conex container or area that can be locked until release surveys are performed)</li><li>▪ Student should bring their own personal protective equipment (PPE), dosimetry, and instrumentation. Note: Qal-Tek can support these needs but at additional costs</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Training course materials</li><li>▪ Radiological material</li><li>▪ Demonstration equipment</li><li>▪ All additional equipment and supplies needed to perform live contamination training lane</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual/guide</li></ul>		
Schedule of Events	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises
		0800 – 0830	Introduction
		0830 – 0930	Radiation theory refresher
		0930 – 0945	Break
		0945 – 1015	Instrumentation review
		1015 – 1045	Equipment and decontamination supplies overview
		1045 – 1100	Break
		1100 – 1200	Lessons learned and best practices from real events
		1200 – 1300	Lunch
		1300 – 1630	Live contamination training lane
		1630 – 1700	Critique and out brief
	Total Time	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Aircraft Rescue and Firefighting Awareness

### Course Description

This course plan has been developed based on current Code of Federal Regulations Title 14, Part 139 Subpart D Section 139.319 and covers the requirements for Aircraft Rescue and Firefighting Operations. All first responders benefit from understanding that hazardous materials may be used or carried by aircraft, and the hazards of ballistic recovery systems on light aircraft (explosives propelled airframe parachute systems).

### Performance Objectives

- Identify the goals and objectives of Aircraft Rescue Fire Fighting (ARFF) awareness for non-ARFF firefighters
- Identify airport facilities and visual indicators critical to aircraft incidents
- Identify aircraft types, components, and hazards commonly involved in aircraft incidents
- Identify agencies and organizations involved in aircraft incidents, and the non-ARFF firefighter's role within the unified command structure
- Identify components, features, and hazards unique to ARFF apparatus in order to work collaboratively with all available resources during aircraft incidents
- Identify how to support ARFF crews during aircraft incidents

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	California State Fire Training FSTEP		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Industrial Emergency Council		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ AV capability</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Projector</li> <li>▪ Laptop</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Introduction
		0900 – 1030	Airport and Aircraft Familiarization
		1030 – 1045	Break
		1045 – 1200	Command and Communications
		1200 – 1300	Lunch
		1300 – 1445	Apparatus and Extinguishing Agents
		1445 – 1500	Break
		1500 – 1700	Aircraft Rescue and Fire Fighting Operations
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Analytic Unit Supervisor

### Course Description

Designed to assist supervisors grow, develop, and manage their analytical services personnel and division. Whether an agency has a single strategic analyst or a team of real-time analysts, this course provides supervisors with the guidance to effectively manage (and grow) their analytical staff. Practical exercises and leadership/staff assessment are emphasized.

### Performance Objectives

Upon completion of this course attendees will develop and manage their management and leadership skills as applied to an analytical data driven environment. Attendees will gain the skills necessary to effectively manage analytical units and personnel.

Max Students/Course	40																				
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>																				
No. Instructors	2 (1:30)																				
Prerequisites	Supervision or Management level position (or to be assigned) in program focused on data and analytics.																				
Certifications/Permits/Licenses	Cal OES Approved																				
Course Cost	Please contact SenseMakers LLC																				
Course Vendor(s)	Police Technical																				
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ Tables and chairs</li><li>▪ LCD Projector or flatscreen</li><li>▪ Lighting controls</li><li>▪ Podium</li><li>▪ Classroom seating</li></ul>																				
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>																				
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li><li>▪ Certificate of completion</li><li>▪ Access to post-class online materials</li></ul>																				
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td rowspan="3">(Estimate)</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td>1200 – 1300</td><td>Lunch</td></tr><tr><td>DAY 2</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>1200 – 1300</td><td>Lunch</td></tr><tr><td></td><td>Total Time</td><td>16 hours (approx.)</td></tr></table>	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises	(Estimate)	0800 – 1700	Classroom Lecture and Practical Exercises	1200 – 1300	Lunch	DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises		0800 – 1700	Classroom Lecture and Practical Exercises		1200 – 1300	Lunch		Total Time	16 hours (approx.)
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	1200 – 1300	Lunch																			
	Total Time	16 hours (approx.)																			

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Analytics for Public Safety

### Course Description

Analytics is the study of making decisions based on analysis. “Crime is up 25%” is analysis; “additional patrols” are analytics. This course combines foundational analysis techniques with decision making skills. Additionally, the course is designed to refocus and recharge analytical personnel and enhance their sense of fellowship within the public safety environment.

### Performance Objectives

Upon completion of this course attendees will develop critical analytic skills to support agency needs and operational goals. Attendees will learn how decision-making techniques support overall efforts in Information sharing and emergency response.

Max Students/Course	40																					
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>																					
No. Instructors	2 (1:30)																					
Prerequisites	Position in data related area, no course prerequisites.																					
Certifications/Permits/ Licenses	Cal OES Approved																					
Course Cost	Please contact SenseMakers LLC																					
Course Vendor(s)	Police Technical																					
Customer/Government- Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ Tables and chairs</li><li>▪ LCD Projector or flatscreen</li><li>▪ Lighting controls</li><li>▪ Podium</li><li>▪ Classroom seating</li></ul>																					
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>																					
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	0800 – 1700	Classroom Lecture and Practical Exercises																				
	1200 – 1300	Lunch																				
Total Time	16 hours (approx.)																					
(Estimate)																						

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Anticipate, Plan, Deter - Basic

### Course Description

The “Anticipate, Plan, Deter” Basic course is an expansion and update of the traditional “Critical Incident Stress Management/Critical Incident Stress Debriefing” concepts and operations. The current model (and course curriculum) is aligned with the FEMA mandate for improving national preparedness in part through building resilience.

The Basic Course introduces participants to the concept of Disaster-caused psychological trauma, behavioral health issues related to disaster-caused psychological trauma in general and specifically the psychological trauma experienced by disaster First Responders.

**Anticipate:** Participants define key terms and concepts for themselves, identify types of stress and potential stress triggers related to disaster response, and learn about the cumulative effects of these stressors.

**Plan:** Participants then build personal resilience by creating their own plan for managing stress caused by disaster response.

**Deter:** Participants learn basic psychological First Aid and are introduced to the concepts of psychological triage (PSYSTART) and psychological First Aid. Participants learn how and when to initiate their stress management plan and how to recognize signs and symptoms of acute and chronic stress in their colleagues.

### Performance Objectives

- Participants understand the dynamics of disaster-caused psychological trauma, the risks of this trauma to their well-being and to their ability to be effective in their role, and to pre-identify potential sources of trauma they may encounter during disaster response
- Participants learn how to create an individual plan for management of disaster-caused stress
- Participants understand psychological first aid and how PSYSTART supports responder behavioral health and resilience

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	While not mandatory, an understanding of the Incident Command System (ICS)/Hospital Incident Command System (HICS), and NIMS is recommended.		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Projector and screen</li> <li>Lapel microphone or hand-held microphone</li> <li>Connection cables (HDMI and VGA) for projection system</li> <li>Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Thumb drive</li> <li>Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0820	Introductions, housekeeping, purpose, and objectives
		0820 – 0900	Introduction to Disaster-caused Psychological Trauma
		0900 – 1015	The Impact of Disaster-caused Psychological Trauma
		1015 – 1030	Break

	1030 – 1200	The Impact of Disaster-caused Psychological Trauma on First Responders
	1200 – 1250	Lunch
	1250 – 1300	Recap
	1300 – 1415	Critical Incident Stress Management for First Responders
	1415 – 1430	Break
	1430 – 1600	Buddy Aid and Support Networks, The Dreaded Talk about Feelings, and Self-Monitoring
	1600 – 1630	Review and Post-test
	1630 – 1700	Closing and participant feedback forms
	<b>Total Time</b>	8 hours (approx.)

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Anticipate, Plan, Deter - Comprehensive

### Course Description

This course is a continuation or companion course for the APD Basic course. The Comprehensive course expands from a focus on personal resilience to one of fostering resilience for First Responder staff, team, and community in combating the impacts of disaster-caused psychological trauma. PsySTART (psychological Triage, developed by Dr. Merritt Schreiber, and the “Listen, Protect, Connect” (LPC) model of psychological first aid are presented in-depth.

### Performance Objectives

- Participants will understand and practice the “Listen, Protect, Connect” psychological first aid model
- Participants will understand and practice the psySTART model of psychological triage
- Participants will apply the models through scenario-based role-playing

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	Anticipate, Plan, Deter - Basic		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0820	Introductions, housekeeping, purpose and objectives
		0820 – 0900	Brief review of APD key concepts
		0900 – 1015	Introduction to Listen, Protect, Connect (LPC)
		1015 – 1030	Break
		1030 – 1130	Applying LPC
		1130 – 1220	Lunch
		1220 – 1230	Recap
		1230 – 1330	Introduction to psySTART
		1330 – 1345	Break
		1345 – 1600	Break-out group tool practice and Scenario-based psySTART practice evaluation
		1600 – 1630	Review and Post-test
		1630 – 1700	Closing and participant feedback forms
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Architecting on AWS

### Course Description

This course shows you the fundamentals of building IT infrastructure on the AWS platform. You learn how to optimize the AWS Cloud by understanding AWS services and how they fit into cloud-based solutions. You explore best practices and design patterns to help you architect optimal IT solutions on AWS, then build and explore a variety of infrastructures through guided, hands-on activity.

### Performance Objectives

- Make architectural decisions based on AWS architectural principles and best practices
- Leverage AWS services to make your infrastructure scalable, reliable, and highly available
- Leverage AWS Managed Services to enable greater flexibility and resiliency in an infrastructure
- Make an AWS-based infrastructure more efficient to increase performance and reduce costs
- Use the Well-Architected Framework to improve architectures with AWS solutions

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours) <i>Online live remote or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ AWS Technical Essentials</li> <li>▪ Working knowledge of distributed systems</li> <li>▪ Familiarity with general networking concepts</li> <li>▪ Working knowledge of multi-tier architectures</li> <li>▪ Familiarity with cloud computing concepts</li> </ul>
<b>Certifications/Permits/Licenses</b>	Pending POST, DHS, and CalOES approval
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and digital course materials</li> </ul>
<b>Schedule of Events</b>	Under development





## Armored Vehicle Operations Workshop

### Course Description

The scope of this workshop is to educate special operation team members, command staff and leadership on issues surrounding the acquisition and use of armored vehicles, models/types available, and the operation of such vehicles. The characteristics of these vehicles and their use are unique and require specific advanced knowledge of issues, models and their operations in order to maximize their integration and effectiveness in real world missions involving high threat crime, terrorist incidents and hostage rescue operations, while not compromising the safety of the team members using the equipment. The decision to acquire and to then operate such vehicles rely on both the command staff and leadership, although their actual and effective deployment and use depends on the operators assigned to use the equipment. This workshop addresses all sides of this equation and engages the participants to discuss the topics in great length and detail.

As always the goal is to use specialized tools to achieve the tactical flexibility needed to gain the upper hand, achieve the mission and return home safely. These vehicles offer such benefits when acquired with foresight and sound planning, then used properly.

### Performance Objectives

Participants of this workshop will learn about the following:

- Global Case Studies of real-world issues and operations
- Vehicle Platforms for Observation
- Vehicle Platforms for Structure Entry
- Tactical team deployment
- Obstacle Negotiation
- Mobile Firing Platforms
- Emergency Evacuations and Rescues
- Overall operational benefits

Benchmark Activities:

In addition to the subjects above the participants of this workshop will participate in discussing the following important learning points that need to be considered by agencies either operating such a vehicle or planning to do so:

- Armor from time to time is politically unpopular
- Armor is a lifesaving tool and a necessary piece of equipment for any municipality
- Complacent attitude that we "won't need that here" is not liability conscious
- Better to have it and not need it than need it and not have it by that time it is too late

<b>Max Students/Course</b>	20
<b>Duration</b>	2 days (16 hours)
<b>No. Instructors</b>	2 (1:10)
<b>Prerequisites</b>	Must be an active member of a law enforcement agency
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Security Solutions International
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ BDU's</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Armored vehicles</li> <li>▪ Training venue</li> <li>▪ Safety equipment</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Lectures</li> <li>▪ Presentations</li> <li>▪ Drills</li> <li>▪ Exercise</li> </ul>

Schedule of Events	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises
(Estimate)		0800 – 0830	Class Welcome
		0830 – 0930	Vehicle Platforms for Observation & Vehicle Platforms for Structure Entry
		0930 – 1030	Tactical Team Deployment
		1030 – 1300	Obstacle Negotiation & Mobile Firing Platforms
		1300 – 1400	Lunch
		1400 – 1500	Emergency Evacuations and Rescues
		1500 – 1600	Overall operational benefits
		1600 – 1700	Global Case Studies of Real-world Issues and Operations
	DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises
		0800 – 0830	Class Welcome
		0830 – 0930	Vehicle Platforms for Observation
		0930 – 1100	Vehicle Platforms for Structure Entry
		1100 – 1230	Tactical team deployment
		1230 – 1330	Lunch
		1330 – 1430	Obstacle Negotiation
		1430 – 1530	Mobile Firing Platforms
		1530 – 1700	Emergency Evacuations and Rescues
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## At-the-Ready: Cybersecurity Preparedness Plan

### Course Description

This course will combine Bay Area UASI's cybersecurity preparedness plan (if it is completed) with our own. The course will introduce a template with best practices built in, discuss what's applicable and what's not against students' work environment. Each student will have a customized template to take back to work.

### Performance Objectives

Students gain in depth appreciation of the multi-facets of a working cybersecurity preparedness plan. Their organizations gain a draft plan as a result.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 hour - <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>Familiarity with NIMS is recommended</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Pending DHS and Cal OES Approval		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Adaptable Security Corp		
<b>Customer/Government-Provided Equipment</b>	If in person training - <ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Projector</li> <li>White board</li> <li>4 easels</li> <li>Refreshments/beverages</li> </ul> If online training - <ul style="list-style-type: none"> <li>Computers per person with network</li> <li>Conference software that allows breakout "rooms"</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Software</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Digital</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 0900</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0810	Ice breaker and Introduction
		0810 – 0825	Share template plan
		0825 – 0850	Discuss what works/what doesn't (4 groups)
		0850 – 0900	Summarize takeaways
	<b>Total Time</b>	1 hours (approx.)	



## At-the-Ready: Incident Response Tabletop Exercise

### Course Description

This course groups key stakeholders into a “command center” to simulate responding to a real disaster such as a pandemic, electricity outages, wildfires, cyber-attacks, or earthquakes. Key stakeholders include management of emergency services, public health, law enforcement, public safety, legal, communications, information technology, and more.

If a key role is absent, an instructor or other participants will play their roles per guidelines. The course is built on real life use cases and maximizes experiential learning, one of the most effective learning methods for adults.

### Performance Objectives

Students will be better prepared for emergency response from various perspectives. A second benefit is that they will absorb fresh learning and integrate their learning into their organization’s disaster response plan.

Max Students/Course	30		
Duration	1/2 day (3 hours) <i>Virtual course available, please contact us for more details.</i>		
No. Instructors	2 (1:15)		
Prerequisites	<ul style="list-style-type: none"><li>Familiar with organization’s disaster response plan, if any, is recommended</li></ul>		
Certifications/Permits/Licenses	Pending DHS and Cal OES Approval		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	Adaptable Security Corp		
Customer/Government-Provided Equipment	If in person training - <ul style="list-style-type: none"><li>Classroom for 30 students</li><li>Tables and chairs</li><li>Projector</li><li>White board</li><li>4 easels</li><li>Refreshments/beverages</li></ul> If online training - <ul style="list-style-type: none"><li>Computers per person with network</li><li>Conference software that allows breakout “rooms”</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>Course materials</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>Hard copy course materials if in person training</li><li>Digital course materials if online training</li></ul>		
Schedule of Events	DAY 1	0800 – 1100	Classroom Lecture and Practical Exercises
		0800 – 0815	Ice breaker and Introduction
		0815 – 0830	Exercise - why & how instructions
		0830 – 0930	Role play in 4 groups
		0930 – 0940	Break
		0940 – 1020	Group reports & Q&A
		1020 – 1025	Personal updates to your disaster response plan & your actions
		1025 – 1045	People’s awards
		1045 – 1100	Feedback
	Total Time	3 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – ten (10) minute break



## AWS Business Essentials

### Course Description

AWS Business Essentials helps IT business decision-makers understand the benefits of cloud computing and how a cloud strategy can help you meet your business objectives. This course discusses the advantages of cloud computing for your business and the fundamentals of AWS, including financial benefits. This course also introduces you to compliance and security concepts to help you consider the AWS platform within your cloud computing strategy.

### Performance Objectives

- Identify the value and benefits of the AWS cloud
- Recognize the valuable ways that the AWS platform can be used
- Understand the robust security capabilities, controls, and assurances in place to maintain security and data protection
- Articulate the financial impact the AWS cloud can have on an organization's procurement cycle, cost management, and contracts, while minimizing risks associated with consumption-based pricing models

<b>Max Students/Course</b>	20
<b>Duration</b>	1 day (8 hours) <i>Online live remote or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Working knowledge of IT infrastructure concepts</li> <li>▪ Familiarity with basic finance concepts</li> <li>▪ Familiarity with basic IT security concepts</li> </ul>
<b>Certifications/Permits/Licenses</b>	N/A
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and digital course materials</li> </ul>
<b>Schedule of Events</b>	Under development



## Ballistic Shield Operator

### Course Description

A one-day course for law enforcement on the theory and employment of ballistic shields. Topics include the types, use, and limitations of ballistic shields. Operators will gain the knowledge and skills to implement shields into current LE functions, such as warrant service, officer down rescue, and active shooter response.

### Performance Objectives

Shield carry positions, shooting/retention techniques, ballistic capabilities, shield operator role in team setting.

<b>Max Students/Course</b>	24
<b>Duration</b>	1 day (8 hours)
<b>No. Instructors</b>	3 (1:8)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	None
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	The Raytom Group
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 24 students</li> <li>Scenario training facility (school/commercial, etc.)</li> <li>Live fire range</li> <li>Tables and chairs</li> <li>Whiteboard</li> <li>A/V equipment</li> <li>Duty equipment and firearm</li> <li>250 rounds of ammunition</li> <li>Ballistic shield (if available)</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Blue guns (training guns)</li> <li>Ballistic shield</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Training reference materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 1 day for a total of 8 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Behavioral and Predictive Analysis

### Course Description

This course is designed to effectively train a variety of different personnel in how to detect behavioral anomalies in crowds by utilizing Israeli and global best practices developed originally for airport security, now available for your personnel in a wide variety of customized course offerings.

Participants will be trained to proactively recognize threats and depending on their authority, arm them with techniques to establish conversation and confirm suspicion. In addition to recognizing potentially problematic behavior and confirming, the course also deals with how to detect surveillance, essential to terror attacks and how to defend against attacks by having a properly managed vulnerability assessment and security plan based on potential modus operandi.

### Performance Objectives

- Learning the modus operandi of recent attacks on public venues
- Learning about behavioral indicators of suspicious activities
- Role playing to learn security questioning that will demonstrate indicators
- Learning to recognize surveillance by suspicious actors

<b>Max Students/Course</b>	50		
<b>Duration</b>	2 days (16 hours) / 3 days (24 hours) <i>Optional - Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:50)		
<b>Prerequisites</b>	Must be an active member of a law enforcement agency		
<b>Certifications/Permits/Licenses</b>			
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Security Solutions International		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ AV equipment</li> <li>▪ Training venue</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Presentation</li> <li>▪ Laptop</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Electronic course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0915	Course introduction, goals, methods, and expectations
		0915 – 1030	The Multi-layer approach to crowd security at venues
		1030 – 1145	Global Systems for Behavioral and predictive analysis
		1145 – 1245	Body language classroom
		1245 – 1400	Lunch
		1400 – 1445	Suspicious indicators – appearance and behavior
		1445 – 1545	Security questioning Intro
		1545 – 1615	Drill: venue vulnerability and risk assessment
		1615 – 1700	Question/Answer
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0915	Drill: vulnerability and risk assessment - submission of presentations
		0915 – 1030	Document verification: Local and international
		1030 – 1145	Case Studies: terrorist modus operandi
		1145 – 1245	Counter Surveillance
		1245 – 1400	Lunch

	1400 – 1445	Workshop: questioning simulations and role play
	1445 – 1545	Drill: detecting counter surveillance and suspicious behavioral indicators
	1545 – 1615	Drill summation
	1615 – 1700	Drill: “through the eyes of the opponent” - forming a plan of attack
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises (<i>Optional</i>)</b>
	0800 – 0915	Drill: “through the eyes of the opponent” - submission of presentations
	0915 – 1030	Workshop IED and weapon concealment and detection
	1030 – 1145	Security screening technologies- an overview
	1145 – 1245	Manual search techniques
	1245 – 1400	Lunch
	1400 – 1545	Final Exercise – red team vs. blue team scenario including role play
	1545 – 1615	Exercise summation
	1615 – 1700	Course summation and certificate distribution
<b>Total Time</b>	<b>16 hours (approx.)/ 24 hours (approx.) – <i>Optional</i></b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## Big Data on AWS

### Course Description

Big Data on AWS introduces you to cloud-based big data solutions such as Amazon Elastic MapReduce (EMR), Amazon Redshift, Amazon Kinesis and the rest of the AWS big data platform. In this course, we show you how to use Amazon EMR to process data using the broad ecosystem of Hadoop tools like Hive and Hue. We also teach you how to create big data environments, work with Amazon DynamoDB, Amazon Redshift, Amazon QuickSight, Amazon Athena, and Amazon Kinesis, and leverage best practices to design big data environments for security and cost-effectiveness.

### Performance Objectives

- Fit AWS solutions inside of a big data ecosystem
- Leverage Apache Hadoop in the context of Amazon EMR
- Identify the components of an Amazon EMR cluster
- Launch and configure an Amazon EMR cluster
- Leverage common programming frameworks available for Amazon EMR including Hive, Pig, and Streaming
- Leverage Hue to improve the ease-of-use of Amazon EMR
- Use in-memory analytics with Spark and Spark SQL on Amazon EMR
- Choose appropriate AWS data storage options
- Identify the benefits of using Amazon Kinesis for near real-time big data processing
- Define data warehousing and columnar database concepts
- Leverage Amazon Redshift to efficiently store and analyze data
- Comprehend and manage costs and security for Amazon EMR and Amazon Redshift deployments
- Identify options for ingesting, transferring, and compressing data
- Use visualization software to depict data and queries
- Orchestrate big data workflows using AWS Data Pipeline

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours) <i>Online live remote or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Basic familiarity with big data technologies, including Apache Hadoop, MapReduce, HDFS, and SQL/NoSQL querying</li> <li>▪ Students should complete the Big Data Technology Fundamentals web-based training or have equivalent experience</li> <li>▪ Working knowledge of core AWS services and public cloud implementation</li> <li>▪ Students should complete the AWS Technical Essentials course or have equivalent experience</li> <li>▪ Basic understanding of data warehousing, relational database systems, and database design</li> </ul>
<b>Certifications/Permits/Licenses</b>	Pending POST, DHS, and CalOES approval
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and digital course materials</li> </ul>
<b>Schedule of Events</b>	Under development



## Boat Crew Member

### Course Description

The BOAT Crew Member (BCM) Course, as part of the entire Boat Operations and Training (BOAT) Program, was created to establish a national standard of training, qualification, credentialing and typing of emergency responders throughout the maritime domain. It is the purpose of this course to establish basic understanding of maritime rescue operations and provide the skills necessary to execute missions safely.

### Performance Objectives

Upon successful completion of the course, the student will demonstrate mastery of each of the objectives outlined in each module through a compilation of measures including objective testing, scenario review, class discussion, practical activities and homework.

<b>Max Students/Course</b>	20		
<b>Duration</b>	4 1/2 days (35 hours)		
<b>No. Instructors</b>	5 (1:4)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Course No. DHS-126-RESP in the FEMA NTED Catalog and Referenced in NFPA Standard 1670		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	National Association of State Boating Law Administrators (NASBLA)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Appropriate foul weather gear</li> <li>▪ Life jackets</li> <li>▪ 1 vessel for every 4 students</li> <li>▪ Classroom for 20 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Charts</li> <li>▪ Chart plotting equipment</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1000	Module One: Course Introduction and Overview
		1000 – 1200	Module Two: Crew Efficiency, Risk Factors, and Team Coordination
		1200 – 1300	Lunch
		1300 – 1500	Module Three: Seamanship
		1500 – 1700	Practical Exercise (on vessels, classroom if weather restricted) - Knot tying in team speed and precision drills
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Module Four: Water Survival
		1200 – 1300	Lunch
		1300 – 1500	Module Five: Close Quarters Maneuvering
		1500 – 1700	Practical Exercise on the water - Boat maneuvering drills, docking, and line commands
	<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1000	Module Six: Rules of the Road, Watch Standing, Anchoring
		1000 – 1200	Module Seven: Mission Oriented Operations

	1200 – 1300	Lunch
	1300 – 1700	Practical Exercise on the water - Man overboard recovery, anchoring, alongside towing, and team coordination throughout those evolutions
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	Review
	0900 – 1200	Module Eight: Navigation
	1200 – 1300	Lunch
	1300 – 1700	Practical Exercise on the water - Navigational and Towing Drills
<b>DAY 5</b>	<b>0800 – 1100</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Practical Exercise on the water
	1000 – 1100	Review, Final Exam, and Evaluations
<b>Total Time</b>	35 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Boat Operator Search and Rescue

### Course Description

The Boat Operator Search and Rescue (BOSAR) Course, as part of the entire Boat Operations and Training (BOAT) Program, provides a course of instruction to give maritime law enforcement and emergency responders a learning framework in order to become more proficient with skills necessary to operate in the maritime environment and conduct search and rescue operations.

### Performance Objectives

Upon successful completion of the course, the student will demonstrate mastery of each of the objectives outlined in each module through a compilation of measures including objective testing, scenario review, class discussion, practical activities, and homework.

<b>Max Students/Course</b>	20
<b>Duration</b>	4 1/2 days (35 hours)
<b>No. Instructors</b>	5 (1:4)
<b>Prerequisites</b>	None
<b>Certifications/Permits/ Licenses</b>	Course No. DHS-127-RESP in the FEMA NTED Catalog
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	National Association of State Boating Law Administrators (NASBLA)
<b>Customer/Government- Provided Equipment</b>	<ul style="list-style-type: none"><li>▪ Appropriate foul weather gear</li><li>▪ Life jackets</li><li>▪ 1 vessel for every 4 students</li><li>▪ Classroom for 20 students</li><li>▪ Tables and chairs</li><li>▪ Projector and screen</li></ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"><li>▪ Charts</li><li>▪ Chart plotting equipment</li></ul>
<b>Student Materials</b>	<ul style="list-style-type: none"><li>▪ Student manual</li></ul>
<b>Schedule of Events</b>	Please contact SenseMakers LLC



## Bugcrowd Training and Certification Overview

### Course Description

This one-hour webinar will provide an overview on how Bugcrowd tools and training will help defend cities against threat actors. It will discuss bug bounties, Next Generation Penetration Testing, Attack Surface Management. It will also address how government organizations can leverage Bugcrowd and highlights current trends in Crowdsourcing Technology.

### Performance Objectives

- Understand how penetration testing can improve cybersecurity defense in the public sector
- Be able to recognize current trends in crowdsourcing technology and understand how to leverage them for cybersecurity
- Understand how Attack Surface Management can help identify risk and improve cybersecurity strategies

<b>Max Students/Course</b>	200
<b>Duration</b>	1 hour
<b>No. Instructors</b>	1 (1:200)
<b>Prerequisites</b>	N/A
<b>Certifications/Permits/Licenses</b>	None
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	None
<b>Student Materials</b>	None
<b>Schedule of Events</b>	1-hour webinar



## Carbine Skills for Law Enforcement

### Course Description

This course provides officers with the needed skills to safely and properly employ a carbine in a tactical situation.

### Performance Objectives

Officers will gain knowledge of accuracy, fundamentals, positions, and target identification while using a carbine.

<b>Max Students/Course</b>	30
<b>Duration</b>	2 days (16 hours)
<b>No. Instructors</b>	3 (1:10)
<b>Prerequisites</b>	None
<b>Certifications/Permits/ Licenses</b>	Certificate given upon completion
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Defoor Consulting Inc.
<b>Customer/Government- Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom/training facility for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> <li>▪ A/V equipment</li> </ul>
<b>Contractor Provided Equipment</b>	Instructors provide their own: <ul style="list-style-type: none"> <li>▪ Gear</li> <li>▪ Weapons</li> <li>▪ Ammunition</li> </ul>
<b>Student Materials</b>	Students much provide their own: <ul style="list-style-type: none"> <li>▪ Gear</li> <li>▪ Weapons</li> <li>▪ Ammunition</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 2 days for a total of 16 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Cell Phone Data and Mapping

### Course Description

This course helps make sense of cell phone data for the purpose of finding data patterns, and accurately plotting locations (and mapping movements) of cellular connections. Learn how to access cell datasets, sort and mine datasets for investigations, and present the findings.

### Performance Objectives

Upon completion of this course attendees will have a practical knowledge of how to apply cell phone technology in mapping data and trends. This information, while derived from investigations techniques, is applicable to both law enforcement activities and preparedness and recovery. Attendees will use current datasets to develop their own maps and data driven insights.

Max Students/Course	40						
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>						
No. Instructors	2 (1:30)						
Prerequisites	Knowledge of Excel is helpful, but it is not a prerequisite.						
Certifications/Permits/Licenses	Cal OES Approved						
Course Cost	Please contact SenseMakers LLC						
Course Vendor(s)	Police Technical						
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ LCD Projector or flatscreen</li><li>▪ Lighting controls</li><li>▪ Podium</li><li>▪ Classroom seating</li></ul>						
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>						
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li><li>▪ Certificate of completion</li><li>▪ Access to post-class online materials</li></ul>						
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr></table>	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises			
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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Cell Phone Investigations

### Course Description

This course includes a comprehensive overview of cell phone investigations from obtaining data, case development, investigations, and multi-agency presentation. Course provides instruction in obtaining evidence and intelligence from cell phones, cell towers/sites, call detail records, and applications using cellular connections.

### Performance Objectives

Upon completion of this course attendees will have a practical knowledge of how to apply cell phone technology in response to emergencies natural and man-made. Students will have a better understanding of how cellular communication functions and how they fail, as well as how this technology is deployed and recovered in emergencies.

<b>Max Students/Course</b>	40		
<b>Duration</b>	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Police Technical		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 40 students</li> <li>LCD Projector or flatscreen</li> <li>Lighting controls</li> <li>Podium</li> <li>Classroom seating</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> <li>Certificate of completion</li> <li>Access to post-class online materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## Certified Cloud Security Officer – C)CSO

### Course Description

The Cloud is being widely adopted today for a diverse set of reasons. However, many are finding that security in the cloud is a huge challenge - either because of implementation or governance. Yes, governance of security, related to your cloud vendor is a huge challenge. However, many global standards have been developed that provide a great baseline for cloud security along with governance.

### Performance Objectives

- Be able to competently take the CCSO exam

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	Recommended minimum one-year experience with virtualization technology or equivalent knowledge. General understanding of cloud architectures. Minimum one-year experience with general security.
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)CSO Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Cybersecurity Analyst – C)CSA

### Course Description

Companies and organizations today are scrambling to keep up with protection against the latest threats. This course is going to help a candidate prepare from the ground up. Often, network architecture creates a fundamental issue when attempting to monitor. The CCSA course will analyze the entire architecture to better prepare for today's monitoring. Our Certified Cyber Security Analyst courseware helps the candidate prepare an organization to create a complete end to end solution for proactively monitoring, preventing, detecting, and mitigating current threats as they arise in real time. This course maps to the mile2 Certified Cyber Security Analyst Exam as well as the CompTIA CySA+ CS0-001 certification exam. Do not fool yourself, this course is far more advanced and will move at a fast pace for a well-rounded enjoyable experience. Be ready to dig deep into the details of security analysis for today's needs! This course assumes that you have a fairly in-depth knowledge of security principles, forensics, incident handling and some ethical hacking skills. The candidate is not required to be an expert in these areas, but 2 or more years of experience is recommended.

### Performance Objectives

- Be able to competently take the C)CSA exam
- Be ready to prepare an organization for proactive defense against today's hackers
- Be able to setup and deploy state of the art open source and for purchase analysis tools, intrusion detection tools, syslog servers, SIEMs, along with integrating them for the entire company to find and in many cases prevent today's exploits

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	Recommended minimum one-year experience with virtualization technology or equivalent knowledge. General understanding of cloud architectures. Minimum one-year experience with general security.
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)CSO Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Digital Forensic Examiner – C)DFE

### Course Description

The Certified Digital Forensics Examiner vendor-neutral certification is designed to train Cyber Crime and Fraud Investigators whereby students are taught electronic discovery and advanced investigation techniques. This course is essential to anyone encountering digital evidence while conducting an investigation. Mile2's Certified Digital Forensics Examiner training teaches the methodology for conducting a computer forensic examination. Students will learn to use forensically sound investigative techniques in order to evaluate the scene, collect and document all relevant information, interview appropriate personnel, maintain chain-of-custody, and write a findings report.

### Performance Objectives

- Be able to competently take the C)DFE exam

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 1 year in computers</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2's certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)DFE Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Disaster Recovery Engineer – C)DRE

### Course Description

When a business is hit by a natural disaster, cybercrime, or any other disruptive tragedy, how should the organization react? What if the network infrastructure is taken down? Will the business be able to continue operations? How much will it cost if the business is down during repairs? The answer is found in the vendor-neutral Certified Disaster Recovery Engineer certification course. Disaster recovery and business continuity planning is the process of having a professional work with a business to prepare processes, policies, and procedures to follow in the event of a disruption.

### Performance Objectives

- Be able to competently take the C)DRE exam
- Be able to establish industry acceptable DR & BCP standards with current best practices and policies

<b>Max Students/Course</b>	20
<b>Duration</b>	4 days (32 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 1 year in computers</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)DRE Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	<p>If onsite:</p> <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> <p>If virtual:</p> <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 4 days for a total of 32 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Healthcare IS Security Practitioner – C)HISPP

### Course Description

The vendor-neutral Certified Healthcare Information Systems Security Practitioner certification course covers the skills and knowledge to implement the best IT Healthcare Practices, as well as, regulatory compliance and standards in the healthcare industry. Because of growing industry regulations and privacy requirements in the healthcare industry, the Certified Healthcare Information Systems Security Practitioner was developed by mile2.

### Performance Objectives

- Be ready to take the Certified Healthcare Information Systems Security Practitioner exam by mile2
- Be versed with best practices in the healthcare industry
- Be able to establish a framework with current best practices in respects to privacy, regulation, and risk management

<b>Max Students/Course</b>	20
<b>Duration</b>	4 days (32 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 1 year of Healthcare Information Systems</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2's certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)HISPP Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	<p>If onsite:</p> <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> <p>If virtual:</p> <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 4 days for a total of 32 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Incident Handling Engineer – C)IHE

### Course Description

The Certified Incident Handling Engineer vendor-neutral certification is designed to help Incident Handlers, System Administrators, and any General Security Engineers understand how to plan, create and utilize their systems in order to prevent, detect and respond to attacks. In this in-depth training, students will learn step-by-step approaches used by hackers globally, the latest attack vectors and how to safeguard against them, Incident Handling procedures (including developing the process from start to finish and establishing your Incident Handling team), strategies for each type of attack, recovering from attacks and much more.

### Performance Objectives

- Be able to confidently undertake the CIHE certification examination

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 12 months' experience in networking technologies</li> <li>▪ Sound knowledge of networking</li> <li>▪ Sound knowledge of TCP/IP</li> <li>▪ Knowledge of Microsoft packages</li> <li>▪ Basic Knowledge of Linux is essential</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)IHE Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 4 days for a total of 32 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Information Security Management Systems – Lead Auditor – C)ISMS-LA

### Course Description

The Certified Information Security Management Systems—Lead Auditor certification course prepares students to competently lead audits of information security management systems (“ISMS”) to ensure that they meet ISO/IEC 27001 standards in any organization.

Mile2’s ISMS ISO/IEC 27001 Audit Methodology:

1. Planning
2. Control Evaluation
3. Substantive Testing
4. Completion

The C)ISMS-LA is perfect for those looking to perform an internal or external ISMS ISO/IEC 27001 audit or to certify their ISO/IEC 27001 expertise.

### Performance Objectives

- Be able to competently take the C)ISMS-LA exam

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours) <i>Online live remote or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A basic familiarity with information systems and an interest in auditing</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)ISMS-LA Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Information Security Management Systems – Lead Implementer – C)ISMS-LI

### Course Description

The Certified Information Security Management Systems—Lead Implementer certification course prepares students to help any organization through the process of implementing an information security management systems (“ISMS”) that is compliant with ISO/IEC 27001:2013 standard. ISO/IEC 27001 was developed to set a higher standard for information security as a result of increased cyber security risk. Students will not only implement the ISO/IEC 27001 standard but also help organizations set up controls, processes, and procedures for using a ISMS that will facilitate enhanced information security.

### Performance Objectives

- Be able to competently take the C)ISMS-LI exam
- Understand basic cybersecurity knowledge to keep companies’ IP and IT infrastructure safe

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours) <i>Online live remote or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Recommended minimum one-year experience with server administration or network administration</li> <li>▪ General understanding of business processes is beneficial</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)ISMS-LI Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## Certified Information Systems Risk Manager – C)ISRM

### Course Description

The vendor-neutral Certified Information Systems Risk Manager certification is designed for IT and IS professionals who are involved with risk identification, assessment & evaluation, risk response, risk monitoring, IS control design & implementation as well as IS control monitoring & maintenance. The Certified Information Systems Risk Manager training will enable professionals to elevate their understanding in identifying and evaluating entity-specific risk but also aid them in assessing risks associated to enterprise business objectives by equipping the practitioner to design, implement, monitor and maintain risk-based, efficient and effective IS controls.

### Performance Objectives

- Be competent to implement risk management best practices and Federal standards
- Be prepared to pass the C)ISRM exam

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 1 year of Information Systems</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)ISRM Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Information Systems Security Auditor – C)ISSA

### Course Description

Many organizations require an Information System Auditor's expert knowledge when it comes to identifying critical issues and providing effective auditing solutions. The knowledge and course content provided in the vendor-neutral Certified Information Systems Security Auditor - C)ISSA will not only cover ISACA®'s exam but will provide a measurable certification that demonstrates proficiency in the IS Auditing Field. The Certified Information Systems Security Auditor covers the skills and knowledge to assess vulnerabilities, report on compliance and implement controls for private and public enterprises.

### Performance Objectives

- Be able to establish industry acceptable auditing standards with current best practices and policies
- Be prepared to competently take the CISSA exam

<b>Max Students/Course</b>	20
<b>Duration</b>	4 days (32 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 1 year of Information Systems</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)ISSA Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	<p>If onsite:</p> <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> <p>If virtual:</p> <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 4 days for a total of 32 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Information Systems Security Manager – C)ISSM

### Course Description

Today, when it comes to identifying critical issues and providing effective IS management solutions, companies are leaning on IS managers to create solutions for tomorrow's problems. The knowledge and course content provided in the Certified Information Systems Security Manager - C)ISSM will not only cover ISACA®'s CISM exam but will provide a measurable certification that demonstrates proficiency in the IS Management Field. The Certified Information Systems Security Manager covers the skills and knowledge to assess threat analysis and risks, Risk & incident management, Security programs and CISO roles, IS security strategy and frameworks, Audit and Risk management creation of policies, compliance and awareness, as well as DR and BCP development, deployment and maintenance.

### Performance Objectives

- Be able to competently take the C)ISSM exam

<b>Max Students/Course</b>	20
<b>Duration</b>	4 days (32 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 1 year of Information Systems</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)ISSM Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 4 days for a total of 32 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Information Systems Security Officer – C)ISSO

### Course Description

Mile2's Certified Information Systems Security Officer addresses the broad range of industry best practices, knowledge and skills expected of a security manager/officer. The candidate will learn in-depth theory pertaining to the practical implementation of core security concepts, practices, monitoring and compliance in the full panorama of IS management. Through the use of a risk-based approach, the CISSO is able to implement and maintain cost-effective security controls that are closely aligned with both business and industry standards. Whether you're responsible for the management of a Cyber Security team, a Security Officer, an IT auditor or a Business Analyst, the C)ISSO certification course is an ideal way to increase your knowledge, expertise, and skill.

### Performance Objectives

- Be able to competently take the C)ISSO exam
- Able to establish industry acceptable Cyber Security & IS management standards with current best practices

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 1 year of Information Systems</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2's certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; NSTISSI-4011 National Training Standard for Information Systems Security (INFOSEC) C)ISSO – Certified Information Systems Security Officer; C)ISSO Certification when the student completes their Exam; CNSSI – 4012 National Information Assurance Training Standard for Senior Systems Managers. Be prepared to pass the C)ISSO – Certified Information Systems Security Officer Students are also prepared to take CISSP Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Network Forensic Examiner – C)NFE

### Course Description

The Certified Network Forensics Examiner vendor-neutral certification was developed for a U.S. classified government agency. The C)NFE takes a digital and network forensic skill set to the next level by navigating through over twenty modules of network forensic topics. The CNFE provides practical experience through our lab exercises that simulate real-world scenarios that cover investigation and recovery of data in a network, Physical Interception, Traffic Acquisition, Analysis, Wireless Attacks, and SNORT. The course focuses on the centralizing and investigating of logging systems as well as network devices.

### Performance Objectives

- Participants will be able to apply forensically-sound best practice techniques against virtual infrastructure entities in the following use case scenarios:
  - Identifying direct evidence of a crime
  - Attributing evidence to specific suspects
  - Confirming (or negating) suspect alibis
  - Confirming (or negating) suspect statements
  - Determining (or negating) suspect intent
  - Determining (or negating) Identifying sources
  - Determining (or negating) Authenticating document
- Have the knowledge to perform network forensic examinations.
- Have the knowledge to accurately report on their findings from examinations
- Be ready to sit for the C)NFE Exam

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Must have a Digital or Computer Forensics Certification or equivalent knowledge</li> <li>▪ 2 years of IT Security</li> <li>▪ Working Knowledge of TCPIP</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)NFE Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)
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## Certified Penetration Testing Consultant – C)PTC

### Course Description

The vendor-neutral Certified Penetration Testing Consultant course is designed for IT Security Professionals and IT Network Administrators who are interested in taking an in-depth look into specific Penetration tests and techniques against operating systems. This course will teach you the necessary skills to work as a penetration testing team, the exploitation process, how to create a buffer overflow against programs running on Windows and Linux while subverting features such as DEP and ASLR.

### Performance Objectives

This course will teach you the necessary skills to work as a penetration testing team, the exploitation process, how to create a buffer overflow against programs running on Windows and Linux while subverting features such as DEP and ASLR. Students will be able to competently take the CPTC exam.

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ C)PTE or equivalent knowledge</li> <li>▪ A minimum of 24 months of experience in Networking Technologies</li> <li>▪ Sound knowledge of TCP/IP</li> <li>▪ Computer hardware knowledge</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)PTC Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	<p>If onsite:</p> <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> <p>If virtual:</p> <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Penetration Testing Engineer – C)PTE

### Course Description

The vendor-neutral Certified Penetration Testing Engineer certification course is built firmly upon proven, hands-on, Penetration Testing methodologies utilized by our international group of Penetration Testing Consultants. The C)PTE presents information based on the 5 Key Elements of Pen Testing; Information Gathering, Scanning, Enumeration, Exploitation, and Reporting. The latest vulnerabilities will be discovered using these tried and true techniques.

### Performance Objectives

- Be able to establish industry acceptable auditing standards with current best practices and policies
- Be prepared to competently take the C)PTE exam

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 12 months' experience in networking technologies</li> <li>▪ Sound knowledge of TCP/IP</li> <li>▪ Knowledge of Microsoft packages</li> <li>▪ Network+, Microsoft, Security+</li> <li>▪ Basic Knowledge of Linux is essential</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)PTE Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## Certified PowerCLI Engineer – C)PCE

### Course Description

If you want to spend more time enjoying your hobbies then this course is for you! This hand-on course starts with the basics needed for a great foundation in making your life easier as a vSphere administrator! Even if you have never used PowerCLI this course is for you, we will start with the basics and build upon them. The intent is to make sure the attendee walks away with the ability to automate their life related to vSphere administration anyway.

### Performance Objectives

- Be prepared to competently take the C)PCE exam

<b>Max Students/Course</b>	20
<b>Duration</b>	2 days (16 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Some experience with scripting and 2 years' experience with VMware vSphere</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)PCE Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 2 days for a total of 16 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Professional Ethical Hacker – C)PEH

### Course Description

The Certified Professional Ethical Hacker vendor-neutral certification course is the foundational training to Mile2's line of penetration testing courses. The CPEH certification training enables students to understand the importance of vulnerability assessments by providing industry knowledge and skills in Vulnerability Assessments. In doing so, the CPEH student is able to understand how malware and destructive viruses function. In addition, the CPEH course helps students learn how to implement counter response and preventative measures when it comes to a network hack.

### Performance Objectives

The CPEH certification training enables students to understand the importance of vulnerability assessments by providing industry knowledge and skills in Vulnerability Assessments. In doing so, the CPEH student is able to understand how malware and destructive viruses function. In addition, the CPEH course helps students learn how to implement counter response and preventative measures when it comes to a network hack. Students will be able to competently take the CPEH exam.

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>12 months of IT security experience, 12 months of Networking Experience</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2's certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)PEH Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>Laptop for each student</li> <li>Internet</li> <li>Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Print and Digital courseware</li> <li>Video Course</li> <li>Exam Prep</li> <li>Certification Exam Voucher with Online Access to Exam</li> <li>Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Secure Web Applications Engineer – C)SWAE

### Course Description

Organizations and governments fall victim to internet-based attacks every day. In many cases, web attacks could be thwarted but hackers, organized criminal gangs, and foreign agents are able to exploit weaknesses in web applications. The Secure Web programmer knows how to identify, mitigate, and defend against all attacks through designing and building systems that are resistant to failure. The secure web application developer knows how to develop web applications that aren't subject to common vulnerabilities, and how to test and validate that their applications are secure, reliable and resistant to attack.

### Performance Objectives

- Be able to establish industry acceptable auditing standards with current best practices and policies
- Be prepared to competently take the C)SWAE exam

<b>Max Students/Course</b>	20
<b>Duration</b>	4 days (32 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 24 months' experience in software technologies &amp; security</li> <li>▪ Sound knowledge of networking</li> <li>▪ At least one coding Language</li> <li>▪ Linux understanding</li> <li>▪ Open shell</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)SWAE Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 4 days for a total of 32 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Security Awareness for End Users – C)SA1

### Course Description

The Mile2® vendor-neutral Certified Security Awareness 1 certification course is intended for anyone that uses a computer on the internet. Attendees will understand the security threats as well as the countermeasures associated with these attacks. Employees will learn that the weakest link in any security program is a poorly trained department. This course teaches general security awareness as well as how to develop a strong security culture within your company's community. The Social Engineering portion of the class is designed to teach the participants the skills used by Social Engineers to facilitate the extraction of information from an organization using technical and non-technical methods.

### Performance Objectives

- Understand basic cybersecurity knowledge to keep companies' IP and IT infrastructure safe
- Be prepared to competently take the C)SA1 exam

<b>Max Students/Course</b>	20
<b>Duration</b>	1 hour <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	None
<b>Certifications/Permits/ Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)SA1 Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government- Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>



## Certified Security Awareness for Managers – C)SA2

### Course Description

The mile2® vendor-neutral Certified Security Awareness 2 course is to help the student take organizational cyber awareness to the next level. Attendees will understand the security threats that are associated with a company culture. The Certified Security Awareness 2 course provides lower and executive management a window as to the techniques of malicious hackers as well as the counter response controls management can implement to detour a major compromise.

### Performance Objectives

- Understand basic cybersecurity knowledge to keep companies' IP and IT infrastructure safe
- Be prepared to competently take the C)SA2 exam

<b>Max Students/Course</b>	20
<b>Duration</b>	1 hour <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)SA2 Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	<p>If onsite:</p> <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> <p>If virtual:</p> <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>



## Certified Security Leadership Officer – C)SLO

### Course Description

The vendor-neutral Certified Security Leadership Officer certification course was designed for mid and upper-level managers as well as any engineers who seek to increase their knowledge in the security arena. The C)SLO course was designed to give management an essential understanding of current security issues, best practices, and technology. Because a security officer or manager understands the value of the security, he or she is prepared to manage the security component of an information technology security project. A C)SLO candidate can be seen as the bridge between the cybersecurity team and operations as well as business management.

### Performance Objectives

- Be versed in implementing strong security controls
- Be able to manage an organization with an industry acceptable security posture
- Be able to competently take the C)SLO exam

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 12 months' professional experience in IT or management</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; CNSSI-4014 Information Assurance Training Standard for Information Systems Security Officers C)SLO – Certified Security Leadership Officer; C)SLO Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Security Principles – C)SP

### Course Description

Mile2®'s Certified Security Principles course provides the skills necessary to apply and implement technical knowledge of security concepts in today's security environment. Students will gain an in-depth knowledge of systems security, access control, network infrastructure, assessments and audits, cryptography, and organizational security across all vendor products.

### Performance Objectives

- Understand basic cybersecurity knowledge to keep companies' IP and IT infrastructure safe
- Be able to competently take the C)SP exam

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Recommended minimum one-year experience with server administration or network administration</li> <li>▪ General understanding of business processes is beneficial</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)SP Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Virtualization and Cloud Principles – C)VCP

### Course Description

The Cloud is being widely adopted today for a diverse set of reasons! But why? What can we expect? How is it implemented? Is it secure? There are many additional questions that can be asked related to this fast adoption of cloud offerings. We see anything from the ease of sharing documents with co-workers to the use of a cloud access security broker to supply enforcement of our security policies for many cloud-based implementations. This course will begin by providing the necessary architecture components to help us understand what technologies are being used under the hood so that we can make informed decisions when choosing a cloud vendor.

### Performance Objectives

- To get ahead of the competition
- To make the right decision in adopting a cloud technology, including the pros and cons of each
- To fully understand the underlying technologies used in the cloud implementations
- To receive the hands-on experience needed with practical cloud implementations
- To comprehend the industry security standards in the cloud
- To better understand all the different types of cloud vendors and where they might benefit the company
- To gain the knowledge needed to pass the C)VCP exam

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ General understanding of internet and web technologies</li> <li>▪ General understanding of network and storage concepts</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)VCP Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## Certified Virtualization Engineer v6.5 – C)VE

### Course Description

This fast-paced, high energy, hands-on course provides not only the foundation needed for a top performing software-defined data center, it also provides the latest in virtualization and cloud technologies which gives the engineer or administrator the knowledge and skills needed to design and manage the datacenter for tomorrow's needs. This course will cover everything from design, installation, configuration, best practices, performance monitoring, and just about everything in between!

### Performance Objectives

- Latest technologies in virtualization and cloud infrastructures
- Foundational concepts in virtualization and cloud technologies
- Designing your infrastructure for today and tomorrow
- How to configure the virtual network with performance and security in mind
- How vCLI and PowerCLI can help do the job faster
- When to make use of advanced features such as DRS, DPM, Distributed Switches, Fault Tolerance, and other key features
- How Multipathing to storage devices works and when it should be used
- How vMotion and SvMotion functions
- How to perform backups and what 3rd party tools work best
- How vVols can make a difference in your data center
- Have learned the pros, cons, best practices, and skills of virtualization
- Be able to design, secure, deploy, and manage virtual machines
- Be ready to sit for the C)VE exam

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Network+ Certification or Equivalent Knowledge</li> <li>▪ Two Years' Experience with Microsoft or Linux Servers</li> <li>▪ Basic Virtualization/Cloud Knowledge</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)VE Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)
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## Certified Virtualization Forensics Examiner – C)VFE

### Course Description

This course brings together two challenging areas facing IT security professionals today: incident response and virtualization. Forensics is at the heart of incident response, and therefore this training will focus on how to gather evidence relating to an incident – the what, when, where, who and why of an incident – within today’s common virtual environments.

### Performance Objectives

- Participants will be able to apply forensically-sound best practice techniques against virtual infrastructure entities in the following use case scenarios:
  - Identifying direct evidence of a crime
  - Attributing evidence to specific suspects
  - Confirming (or negating) suspect alibis
  - Confirming (or negating) suspect statements
  - Determining (or negating) suspect intent
  - Determining (or negating) Identifying sources
  - Determining (or negating) Authenticating document
  - Be prepared to take the C)VFE Certification Exam

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Must have a Digital or Computer Forensics Certification or equivalent knowledge</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)VFE Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Virtualization Security Engineer – C)VSE

### Course Description

This fast-paced, deep dive, hands-on course provides not only the foundation needed for highly secure deployment of VMware vSphere, it also provides a complete understanding of the CIA triad as it relates to virtualization. This course will cover everything from design, configuration, best practices, performance monitoring, and just about everything in between! We endeavor to provide an understanding of what can and cannot be performed to secure your virtualized datacenter!

### Performance Objectives

- Have learned the pros, cons, best practices, and skills of virtualization
- Be able to design, secure, deploy, and manage virtual machines
- Be ready to sit for the C)VSE exam

<b>Max Students/Course</b>	20
<b>Duration</b>	4 days (32 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Network+ Certification or Equivalent Knowledge</li> <li>▪ Two Years' Experience with Microsoft or Linux Servers</li> <li>▪ Basic Virtualization/Cloud Knowledge</li> <li>▪ Certified Virtualization Engineer or equivalent knowledge</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)VSE Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 4 days for a total of 32 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Certified Vulnerability Assessor – C)VA

### Course Description

The vendor-neutral Certified Vulnerability Assessor certification course helps students understand the importance of vulnerability assessments by providing intricate knowledge and skills in the Vulnerability Assessment arena. The C)VA course provides foundational knowledge of general VA tools as well as popular exploits an IT engineer should be familiar with. The C)VA is a fundamental cybersecurity certification course that focuses on vulnerability assessments. The C)VA course focuses on foundational information such as the importance of a Vulnerability Assessment and how it can help an engineer prevent serious break-ins to your organization.

### Performance Objectives

The C)VA is a fundamental cybersecurity certification course that focuses on vulnerability assessments. The C)VA course focuses on foundational information such as the importance of a Vulnerability Assessment and how it can help an engineer prevent serious break-ins to your organization. Students will be able to competently take the C)VA exam.

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>Basic Network Understanding</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; C)VA Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>Laptop for each student</li> <li>Internet</li> <li>Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Print and Digital courseware</li> <li>Video Course</li> <li>Exam Prep</li> <li>Certification Exam Voucher with Online Access to Exam</li> <li>Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Cisco Training and Certification Overview

### Course Description

This one-hour webinar will provide the BAUASI community an overview on how Cisco tools and training will help them defend their cities against threat actors. The webinar will cover IoT Security and BAUASI, Security Controls and policies, Securing Operational Technology. It will also highlight Cisco training at Cal Poly, and the how Cisco is helping facilitate cybersecurity interest in youth at the California Cyber Innovation Challenge.

### Performance Objectives

- Understand how IoT security vulnerabilities and strategies to minimize risk
- Understand security controls policies and how to secure operational technology with Cisco tools

<b>Max Students/Course</b>	20
<b>Duration</b>	1 hour
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	N/A
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	None
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> </ul>
<b>Schedule of Events</b>	1-hour webinar



## Cloud Security and Cybersecurity Resilience

### Course Description

Services and storage “in the cloud,” such as Amazon Web Services (AWS), Microsoft Azure and Google Cloud offer robust infrastructure security and business continuity, often at less cost than maintaining equivalent security locally. Many organizations have chosen these alternatives. Risk still exists, however, from terrorists and other malicious actors. Customers must adopt practices recommended by the vendors to optimize security, and security at the application layer is still the customer’s responsibility. This course will discuss each service with respect to their security and what additional security the customer must provide. We will also discuss cloud backup, business continuity, the difference between the two and how organizations should configure cloud storage to ensure adequate security in the face of a disaster.

### Performance Objectives

Students will learn what security features are offered by the main cloud vendors. They will be able to identify the cloud vendor’s security obligations and those of customers. They will learn the basics of cloud storage architecture and how cloud storage must be configured for different purposes. They will become familiar with cloud-based business continuity and backup and the situations where backup is needed in addition to business continuity. They will learn how to work online with the cloud vendors to estimate security requirements for various configurations. The course will include in-person or live online instruction with other course materials.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (3 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>Basic knowledge of computer networks and the internet</li> </ul>		
<b>Certifications/Permits/Licenses</b>	DHS & Cal OES approval will be acquired prior to grant-supported course delivery		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Filler Security Strategies Inc.		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Computers per person</li> <li>Headphones or speakers</li> <li>Internet Access</li> <li>Video camera (optional)</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Computer</li> <li>Headphones or speakers</li> <li>Internet Access</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Digital course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1100</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Cloud services and security features
		0900 – 1000	Customers’ cloud security responsibilities
		1000 – 1100	Backup, Business Continuity and Disaster Recovery
	<b>Total Time</b>	<b>3 hours (approx.)</b>	

\*Schedule designed to also include the following:

- 1 – ten (10) minute break



## Community Emergency Response Team (CERT) Program Manager

### Course Description

The purpose of this Community Emergency Response Team (CERT) Program Manager course is to prepare CERT Program Managers to start and sustain an active local CERT program.

### Performance Objectives

- Define the purpose and most important part of a local CERT program
- Use strategic planning to define the mission and goals for a local CERT program
- Describe why and how to promote a local CERT program
- Create a process for acquiring and managing program resources
- Build a plan for delivering and handling safe training and exercises
- Describe the role of policies and procedures in running local CERT program
- Develop and process for evaluating a local CERT program
- Describe how to sustain a local CERT program

<b>Max Students/Course</b>	30
<b>Duration</b>	2 1/2 days (20 hours)
<b>No. Instructors</b>	2 (1:15)
<b>Prerequisites</b>	Approval from sponsoring agency (Law, Fire, or Emergency Management)
<b>Certifications/Permits/ Licenses</b>	Cal OES approved
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Emrick Consulting
<b>Customer/Government- Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ LCD Projector or flatscreen</li> <li>▪ Voice amplification</li> <li>▪ Classroom seating</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom materials</li> <li>▪ Activity supplies</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 2 days and 8AM – 12PM for 1/2 day for a total of 20 Hours of

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## Community Emergency Response Team (CERT) Train-the-Trainer

### Course Description

The Community Emergency Response Team (CERT) Train-the-Trainer is a 24-hour training program to assist communities in the development of CERT Instructors to deliver the basic CERT curriculum.

### Performance Objectives

- Demonstrate knowledge of the CERT Basic Training Course
- Communicate the core values
- Demonstrate classroom management techniques including setting the environment, maximizing learning retention, conveying information, and assessing student progress
- Model appropriate behavior as an instructor

<b>Max Students/Course</b>	30
<b>Duration</b>	3 days (24 hours)
<b>No. Instructors</b>	2 (1:15)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Basic CERT course</li> <li>▪ Significant training background</li> <li>▪ approval from sponsoring agency (Law, Fire, or Emergency Management)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES approved
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Emrick Consulting
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ LCD Projector or flatscreen</li> <li>▪ Voice amplification</li> <li>▪ Second classroom for 3<sup>rd</sup> day for teaching assignment observations</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom materials</li> <li>▪ Activity supplies</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Community Resilience AWR-228

### Course Description

The Community Resilience AWR-228 course information sheet provides important information to participants regarding the conceptual understandings of resilience and the factors that promote different types of resilience to include physical, economic, and community/social. At the conclusion of the session, course participants will have a greater understanding of the role that resilience plays in a multitude of scenarios and an understanding of some policies that promote resilience.

### Performance Objectives

- Empowering communities
- Defining resiliency
- Mobilizing pre-existing networks
- Identifying actions to build resilience

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800-0830	Introduction
		0830-0900	Review definitions of resilience and discuss the concept of community resilience
		0900-1200	Discuss different types of resilience: physical, economic, and community resilience
		1200-1300	Lunch
		1300-1400	Discuss the relationship between resilience and vulnerability
		1400-1600	Identify policy and planning interventions that can increase resilience at each stage of the disaster management cycle
		1600-1700	Conclusion and closing
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Confined Space Rescue Level I & II

### Course Description

Confined Space Rescue Level I & II is a course designed to train rescuers in all aspects of a confined space emergency, including rescue and recovery. This course meets OSHA standard 1910.146, as well as NFPA 1006 Chapter 5, 7.1 & 7.2. Confined Space Level I/II will teach proficiency in: assessment of confined spaces, pre-entry operations, atmospheric testing, supplied air breathing systems, personal protective equipment, lock-out/tag-out procedures and conducting/executing confined space rescues. Emphasis will be place on lowering/raising techniques and safely reaching, assessing, packaging, and removing victims from confined spaces.

### Performance Objectives

<b>Max Students/Course</b>	25
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	4 (4:25)
<b>Prerequisites</b>	Rope Rescue Level I
<b>Certifications/Permits/ Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	L2 Defense
<b>Customer/Government- Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Helmet</li> <li>▪ Boots</li> <li>▪ Gloves</li> <li>▪ Long/short sleeve T-shirt</li> <li>▪ Long Pants</li> <li>▪ Sunscreen</li> <li>▪ Hydration</li> <li>▪ Classroom</li> <li>▪ Outdoor training facility</li> <li>▪ Eye protection</li> <li>▪ Ropes and rope rescue equipment</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Books</li> <li>▪ Outlines</li> <li>▪ Classroom materials</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Books</li> <li>▪ Outlines</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Confined Space Rescue Technician

### Course Description

This course is an intensive hands-on training program that will prepare you to respond to confined space emergencies. This course of instruction prepares the student in identifying confined spaces and permit-required confined spaces, the hazards associated with permit-required confined spaces, target industries and hazards, state and federal regulations, components of a rescue operation, and the roles and responsibilities of the rescue team.

### Performance Objectives

Students will be able to identify confined spaces, confined space hazards, target industries, regulations, the components of a rescue operation and the roles of the rescue team.

<b>Max Students/Course</b>	24		
<b>Duration</b>	5 days (40 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1 Lead/1 Support)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Confined Space Awareness</li> </ul>		
<b>Certifications/Permits/Licenses</b>	CSFM, FSTEP		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Industrial Emergency Council, Lee & Associates, Nor Cal Rescue Training (NCRT)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ CSFM approved training site</li> <li>▪ Classroom for 24 students</li> <li>▪ Tables and chairs</li> <li>▪ AV capability</li> <li>▪ White board</li> <li>▪ Easels</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Equipment and supplies</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	8 hours	Course Introduction
	Unit 2		Confined Space Identification
	Unit 3		Rights and Responsibilities
	<b>DAY 2</b>		
	Unit 4	8 hours	Rescue Scene Management
	Unit 5		Termination
	Unit 6		Functional Components
	<b>DAY 3</b>		
	Unit 7	8 hours	Initial Response
	Unit 8		Hazard Control Procedures
	Unit 9		Rescue Ventilation
	Unit 10		Non-Entry Rescue
	<b>DAY 4</b>		
	Unit 11	8 hours	Rigging
	Unit 12		Definition and Terms
	Unit 13		Raising and Lowering

<b>DAY 5</b>		
Unit 14	8 hours	Entry Team Operations
Unit 15		Practical Exercise
Unit 16		Demobilization, Incident Closeout, and Course Closeout
		Expectations Review
		Course Final
<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Continuity of Operations / Business Continuity Planning Program Workshop

### Course Description

In the case a catastrophic event impacts a jurisdiction, department or private company. That entity has an obligation to either the public or its stakeholders to be able to continue their services to the public. Continuity of Operations is the term used when developing a plan to recovery public functions after an event. Those public sector departments that provide critical services to the public must recover rapidly and efficiently to support the community, and in many cases are the more critical departments. This workshop shall facilitate the development of a functional COOP for your department, agency or BCP for small-medium size business.

The COOP or BCP for organization will be guide your return to a normal operating state. The planning process has many elements that must be considered prior to recovery in order to have an effective recovery.

The COOP and BCP are living documents that requires regular maintenance, training, and exercise to maintain the readiness and resiliency of your organization. For those organizations having an existing COOP or BCP, this workshop will provide an opportunity to refresh their current or outdated plans.

### Performance Objectives

At the end of the Workshop departments will have a comprehensive COOP/BCP that meets the following capability:

- Maintained at a high level of readiness
- Capable of implementation for notice and no-notice events
- Operational no later than 12 hours after activation
- Maintain sustained operations
- Take maximum advantage of existing organizational infrastructure

Plans assign responsibilities, establish procedures, and focus on the following objectives:

- Ensure the safety of personnel
- Provide for the ability to continue essential operations
- Contain provisions for the protections of critical equipment, records, and other assets
- Maintain efforts to mitigate damage and losses
- Contain provisions for an orderly response and recovery from an incident
- Serve as a foundation for the continued arrival of leadership
- Ensure compliance with legal and statutory requirements

All plans will utilize a time-phase operational approach to include Activation, Alternate Operations, and Reconstitution and Termination (Devolution).

The development of a COOP/BCP requires the collection of strategic data. In support of the purpose of the COOP/BCP, participants will need be prepared to provide the following data:

- Department/division mission essential functions (MEFs)
- Identification of department/division mission essential personnel
- Relocation areas for specific divisions/offices
- Delegation of authority and succession
- Vital Record, Data and Application requirements

<b>Max Students/Course</b>	24
<b>Duration</b>	Per department: (2) 8-hour workshop session with (2) 2-hour development sessions. 18-hours total. <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1:12)
<b>Prerequisites</b>	While not mandatory, an understanding of the SEMS, and NIMS is recommended.
<b>Certifications/Permits/Licenses</b>	N/A
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Mozaik Solutions

<b>Customer/Government- Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 24 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>																						
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>																						
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Workshop support materials</li> <li>▪ Flash drive with all workshop materials</li> </ul>																						
<b>Schedule of Events</b>	<p><b>DAY 1                      0800 – 1700                      Classroom Lecture and Practical Exercises</b></p> <p>Workshop Day 1 will be scheduled for a Monday. For the remainder of the week, instructors will 2-hour appointments with each participating organization to provide personal guidance and validate the plan information. Workshop Day 2 will be scheduled 3 weeks later on a Monday followed by a second set of guidance appointments for the remainder of the week.</p> <table> <tr> <td>0800 – 0830</td><td>Registration/Introduction</td></tr> <tr> <td>0830 – 0930</td><td>Unit 1- Introduction to COOP and BCP</td></tr> <tr> <td>0930 – 0945</td><td>Unit 2- Understanding Emergency Management/Corporate Leadership role in COOP and BCP</td></tr> <tr> <td>0945 – 1000</td><td>Break</td></tr> <tr> <td>1000 – 1045</td><td>Unit 3- Plan Development <ul style="list-style-type: none"> <li>• Activity- Drive Away Kit- Worksheet</li> <li>• Mission Critical Functions <ul style="list-style-type: none"> <li>○ Business Impact Assessment (BIA)</li> <li>○ Recovery Time Objectives (RTO)</li> <li>○ Corporate Functions by Level</li> <li>○ Mission Essential Functions (MEF) Worksheet</li> </ul> </li> </ul> </td></tr> <tr> <td>1045 – 1100</td><td>Break</td></tr> <tr> <td>1100 – 1200</td><td>Unit 3 – Plan Development (Continued) <ul style="list-style-type: none"> <li>• Incident Management Team (IMT) <ul style="list-style-type: none"> <li>○ Staffing</li> <li>○ Organizations; Incident Command System (SEMS) <ul style="list-style-type: none"> <li>▪ COOP/BCP Management Team</li> <li>▪ COOP/BCP Response Organization</li> </ul> </li> </ul> </li> <li>○ IMT- Worksheet</li> </ul> </td></tr> <tr> <td>1200 – 1300</td><td>Lunch</td></tr> <tr> <td>1300 – 1345</td><td>Unit 3 – Plan Development (Continued) <ul style="list-style-type: none"> <li>• Orders of Succession <ul style="list-style-type: none"> <li>○ Orders of Succession- Worksheet</li> </ul> </li> <li>• Delegation of Authority <ul style="list-style-type: none"> <li>○ Delegation of Authority- Worksheet</li> </ul> </li> </ul> </td></tr> <tr> <td>1345 – 1400</td><td>Break</td></tr> <tr> <td>1400 – 1500</td><td>Unit 3 – Plan Development (Continued) <ul style="list-style-type: none"> <li>• Communications <ul style="list-style-type: none"> <li>○ Personnel Recall System</li> <li>○ Telecommunications</li> </ul> </li> </ul> </td></tr> </table>	0800 – 0830	Registration/Introduction	0830 – 0930	Unit 1- Introduction to COOP and BCP	0930 – 0945	Unit 2- Understanding Emergency Management/Corporate Leadership role in COOP and BCP	0945 – 1000	Break	1000 – 1045	Unit 3- Plan Development <ul style="list-style-type: none"> <li>• Activity- Drive Away Kit- Worksheet</li> <li>• Mission Critical Functions <ul style="list-style-type: none"> <li>○ Business Impact Assessment (BIA)</li> <li>○ Recovery Time Objectives (RTO)</li> <li>○ Corporate Functions by Level</li> <li>○ Mission Essential Functions (MEF) Worksheet</li> </ul> </li> </ul>	1045 – 1100	Break	1100 – 1200	Unit 3 – Plan Development (Continued) <ul style="list-style-type: none"> <li>• Incident Management Team (IMT) <ul style="list-style-type: none"> <li>○ Staffing</li> <li>○ Organizations; Incident Command System (SEMS) <ul style="list-style-type: none"> <li>▪ COOP/BCP Management Team</li> <li>▪ COOP/BCP Response Organization</li> </ul> </li> </ul> </li> <li>○ IMT- Worksheet</li> </ul>	1200 – 1300	Lunch	1300 – 1345	Unit 3 – Plan Development (Continued) <ul style="list-style-type: none"> <li>• Orders of Succession <ul style="list-style-type: none"> <li>○ Orders of Succession- Worksheet</li> </ul> </li> <li>• Delegation of Authority <ul style="list-style-type: none"> <li>○ Delegation of Authority- Worksheet</li> </ul> </li> </ul>	1345 – 1400	Break	1400 – 1500	Unit 3 – Plan Development (Continued) <ul style="list-style-type: none"> <li>• Communications <ul style="list-style-type: none"> <li>○ Personnel Recall System</li> <li>○ Telecommunications</li> </ul> </li> </ul>
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	<ul style="list-style-type: none"> <li>• Alternate Facility Planning <ul style="list-style-type: none"> <li>○ Emergency Relocation Group (ERG)</li> <li>○ Push Kit</li> <li>○ Alternate Facility- Worksheet</li> </ul> </li> </ul>
1500 – 1515	Break
1515 – 1615	Unit 3 – Plan Development (Continued) <ul style="list-style-type: none"> <li>• Vital records and Systems <ul style="list-style-type: none"> <li>○ Vital Records- Worksheet</li> <li>○ Critical Application Prioritization- Worksheet</li> </ul> </li> <li>• Division Recovery <ul style="list-style-type: none"> <li>○ Division Recovery- Worksheet</li> </ul> </li> </ul>
1615 – 1700	Review and Next Steps

Schedule 2- hour appointments with each participating organization to review COOP/BCP Worksheets, assist with concepts, provide guidance for moving forward.

<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture, Practical Exercises, and Test</b>
	0800 – 0830	Registration/Introduction
	0830 – 0845	Introduction to COOP/BCP Review
	0845 – 0945	Plan Development Worksheet Review <ul style="list-style-type: none"> <li>• Drive Away Kit</li> <li>• Mission Essential Functions</li> <li>• Incident Management Team</li> <li>• Orders of Succession</li> </ul>
	0945 – 1000	Break
	1000 – 1045	Continue Review <ul style="list-style-type: none"> <li>• Delegation of Authority</li> <li>• Personnel Recall</li> <li>• Alternate Facilities</li> <li>• Vital Records</li> <li>• Critical Applications</li> <li>• Division Recovery</li> </ul>
	1045 – 1100	Break
	1100 – 1200	Concept of Operations <ul style="list-style-type: none"> <li>• Phase I - Response (0-12 hours)</li> </ul>
	1200 – 1300	Lunch
	1300 – 1400	Concept of Operations (Continued) <ul style="list-style-type: none"> <li>• Phase II Recovery (12 hours to 30+ days)</li> </ul>
	1400 – 1415	Break
	1415 – 1500	Concept of Operations (Continued) <ul style="list-style-type: none"> <li>• Phase III Reconstitution and Devolution</li> </ul>
	1500 – 1530	Plan Maintenance <ul style="list-style-type: none"> <li>• Test, Training and Exercise</li> <li>• Hot Wash</li> <li>• Plan Update</li> </ul>
	1530 – 1600	Break
	1600 – 1700	Question and Answer, Next Steps, and Finalize Plan
Schedule 2-hour appointments with each participating organization to review plans and discuss steps for COOP/BCP finalization.		
<b>Total Time</b>	<b>18 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks throughout





## Cost Recovery for Debris Management

### Course Description

In many disasters, debris management is the single largest expense, sometimes costing as much as 40% of the total disaster spending. Debris management is also frequently audited by the Department of Homeland Security because of inaccurate documentation and contractor fraud. Local agencies must have a debris management plan AND a debris monitoring plan to limit their exposure to million-dollar losses from de-obligation by FEMA and exposure to DHS audits. The debris management process involves the public works department, environmental department, the public information, the legal, and risk management functions of the local agency.

### Performance Objectives

Participants will learn about Debris Management, including Debris Management Planning; Debris Management Contracting; Debris Monitoring Plans; Debris Monitoring Contracts; Right of Entry Waivers; and Debris Insurance Cost Recovery Plans.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Projector and screen</li> <li>Lapel microphone or hand-held microphone</li> <li>Connection cables (HDMI and VGA) for projection system</li> <li>Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Thumb drive</li> <li>Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0830	Fact Sheet - Debris Removal and Demolition
		0830 – 0930	Debris Removal
		0930 – 1030	Demolition and City of Cedar Rapids Case Study
		1030 – 1130	Monitoring Fact Sheet 9580.203
		1130 – 1200	Monitoring Costs
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## Cost Recovery Planning

### Course Description

A disaster cost recovery plan may be the single most important plan for a local government to have. We tend to focus on capturing the disaster response costs. However, these costs typically represent less than 20% of all Federal disaster spending. On average, local governments recover less than 50% of their total disaster costs. This workshop explores where the bulk of disaster spending goes and, on the complexities, and process of creating an effective disaster cost recovery plan that maximizes cost recovery.

Creating an effective disaster cost recovery process is a challenge. Many of the key players in the cost recovery process are not even aware of their important roles, and many departments that are aware that they have a role, do not understand the far reaching extent of their responsibilities in cost recovery. The planning process will typically require more than one planning session and additional work outside of the planning meetings.

### Performance Objectives

Participants will explore the breadth and complexities of FEMA's Public Assistance program to learn how to best prepare their respective agencies for the post disaster cost recovery process. The training makes extensive use of Excel spreadsheets and Adobe Acrobat forms as well as FEMA Appeals cases and DHS audits.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Projector and screen</li> <li>Lapel microphone or hand-held microphone</li> <li>Connection cables (HDMI and VGA) for projection system</li> <li>Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Thumb drive</li> <li>Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0845	Cost Recovery Information Flow
		0845 – 1000	Cost Recovery Plan Development Sessions Outline
		1000 – 1100	Disaster Damage Tabulation Pathways
		1100 – 1200	Major Disaster Cost Recovery Components
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## Counter Drone

### Course Description

This 16-hours course was created in response to the global use of unmanned aircraft (drones) to carry out criminal and terrorist activities and is designed to provide first responders and governmental agencies with the knowledge and skills to defend against unmanned aircraft threats. At the conclusion of this student-centered and highly interactive course, through examination of actual counter-drone system resources, students will be able to explain the factual scope of the illicit use of drones and understand legal issues for law enforcement surrounding Counter-Drone strategies and investigations. Students will demonstrate their ability to conduct effective investigation on criminal drone activity, develop strategies to obtain an enforceable municipal or county code and apply low-tech counter-drone solutions that comply with legal constraints. Graduates of this course will have the knowledge and skills to explain high-tech counter-drone strategies.

### Performance Objectives

- Explain the factual scope of the problem (including debriefs of recent events)
- Apply legal issues for law enforcement surrounding cUAS strategies and investigations
- Conduct effective investigations on criminal drone activity
- Apply strategies to obtain an enforceable municipal or county code
- Apply low-tech solutions and low-tech augmentations to high-tech strategies
- Explain high-tech strategies

<b>Max Students/Course</b>	24		
<b>Duration</b>	2 days (16 hours)		
<b>No. Instructors</b>	2 (1:12)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Pending POST and Cal OES Approval		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Los Angeles County Regional Training Center (LACRTC)		
<b>Customer/Government-Provided Equipment</b>	A classroom (min. 800 sq. ft.) with access to area suitable to fly small unmanned aerial vehicles (approx. 500' x 500')		
<b>Contractor Provided Equipment</b>	All equipment, including unmanned vehicle, will be provided by the contractor		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Notebook</li> <li>▪ Handouts</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0700 – 1600</b>	<b>Classroom Lecture and Practical Exercises</b>
		0700 – 0730	Introduction
		0730 – 0900	Module 1: Overview of sUAS Rules and the FAA
		0900 – 1100	Preemption, Local Ordinances, and Legal Update
		1100 – 1200	Module 2: Investigations & Enforcement
		1200 – 1300	Lunch
		1300 – 1400	Threat Assessments & Conditional Profiling
		1400 – 1600	Illicit Drone Laboratory
	<b>DAY 2</b>	<b>0700 – 1600</b>	<b>Classroom Lecture, Practical Exercises, and Test</b>
		0700 – 0800	Laboratory Debrief
		0800 – 0900	Module 3: Defensive Measure & Strategies
		0900 – 1000	Identification Technology Overview

1000 – 1100	Signal Substitution Technology Overview
1100 – 1200	Lunch
1200 – 1400	Practical Exercise
1400 – 1500	The FAA and FCC in Drone Defense
1500 – 1600	Review, Questions, Exam & Student Course Evaluations
<b>Total Time</b>	16 hours (approx.)

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Countering Violent Extremism

### Course Description

This course provides an introduction to the concepts of radicalization toward violence and ways that communities can respond by developing countering violent extremism (CVE). Students will understand radical narratives and the creation of counter-narratives to thwart their impact in the community via education and outreach. Using best practices in CVE, participants will understand how to develop CVE strategies for their local community.

### Performance Objectives

- Understand the role of radicalization and its relationship to violence
- Describe best practices in counter violent extremism
- Discuss counter radical narratives and the use of community outreach
- Discuss strategies to organize community CVE efforts

<b>Max Students/Course</b>	60		
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	4 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 60 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction
		0830 – 0900	Module One: Overview of Radicalization
		0900 – 1100	Module Two: Countering Radicalization Narratives
		1100 – 1200	Module Three: Countering Radicalization through Outreach & Education
		1200 – 1300	Lunch
		1300 – 1400	Designing Community CVE Strategies
		1400 – 1630	Practical Application: Three-part local CVE Strategy
		1600 – 1700	Conclusion and closing
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Creating a Security Culture

### Course Description

Information technology end users have become the main entry point for terrorists and other malicious actors into organizational networks. Training end users helps, but to achieve enough compliance over time, efforts must go beyond training to managing cultural change. This course will present methods for creating and maintaining a security culture, from inclusion in designing the program through training, information campaigns and meetings, through testing and continuous improvement. Students will be introduced to principles of change management and design thinking to use in creating the overall program and many elements. The course will be taught by live online or in-person instruction with additional training materials.

### Performance Objectives

Students will acquire skills in designing change management programs, information campaigns, meetings, and testing. They will be introduced to design thinking and its process (empathize, define, ideate, prototype, test) to guide their change management efforts.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (3 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS & Cal OES approval will be acquired prior to grant-supported course delivery		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Filler Security Strategies Inc.		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Computers per person</li> <li>Headphones or speakers</li> <li>Internet Access</li> <li>Video camera (optional)</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Computer</li> <li>Headphones or speakers</li> <li>Internet Access</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Digital course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1100</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Case studies in change management and security training
		0900 – 1000	Principles of design thinking
		1000 – 1100	Applying design thinking to security campaigns
	<b>Total Time</b>	3 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – ten (10) minute break



## Crisis Decision Making and Problem Solving

### Course Description

Being able to make decisions and solve problems effectively is a necessary and vital part of the job for every emergency manager, planner, and responder. This course is designed to improve your decision-making skills. It addresses:

- How we make decisions
- Group decision making
- Crisis decision making
- Ethical decision making

### Performance Objectives

- Describe the impact of effective decision making in an emergency
- Identify attributes associated with an effective decision maker
- Describe the steps of the analytical problem-solving model
- Identify when group decision making is a good approach and methods for making a group's decision-making process more effective
- Identify impediments to effective decision making in a crisis
- Describe strategies for enhancing crisis decision making
- Explain how ethical considerations impact decision making

<b>Max Students/Course</b>	40		
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:20)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 40 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Effective decision making in an emergency
		0830 – 0845	Attributes of an effective decision maker
		0845 – 0900	The analytical problem-solving model
		0900 – 0930	Methods for making a group's decision-making process more effective
		0930 – 0945	Break
		0945 – 1015	Impediments to effective decision making in a crisis
		1015 – 1045	Strategies for enhancing crisis decision making
		1045 – 1145	Ethical considerations in decision making
		1145 – 1200	Conclusion and closing



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<b>Total Time</b>	4 hours (approx.)
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\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break
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## Critical Incident Response for Supervisors and Managers

### Course Description

Critical Incident Response for Supervisors and Managers is a comprehensive 24-hour course designed to provide law enforcement officers, dispatchers, supervisors, managers, and executives with a fundamental response plan that can be applied to a wide variety of critical events.

This course is designed to give all responding personnel, regardless of their rank or agency, the ability to work together during large-scale emergency events. Students will be introduced to a “4-step critical incident response plan” that has been successfully implemented in hundreds of criminal, man-made, and natural disasters throughout the United States. The course examines the most common failures in critical incidents and provides a proven methodology to quickly stabilize and organize these events.

#### The Course Will Cover:

- Role of the Field Leader
- Common Points to all Critical Incidents
- Department Initiated v. Suspect Initiated Events
- Advantages of the Suspect v. Responding Officers
- Mutual Aid Issues and Problems
- Evacuation v. Rescue
- Role of the Fire Department
- Active Shooter Incidents
- Mass Casualty Incidents
- Hazmat Response
- Terrorism Response Issues

The students will participate in a series of scenario driven exercises, designed to demonstrate the management of various critical incidents or disasters that could affect your jurisdiction.

### Performance Objectives

- Understand the dynamics of large-scale incident response
- Learn to implement the four-step Critical Incident Response Plan
- Engage in role play activities and tabletop exercise to practice their ability to manage major tactical events as a field supervisor

<b>Max Students/Course</b>	30
<b>Duration</b>	3 days (24 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	3 (1:10)
<b>Prerequisites</b>	While not mandatory, an understanding of the Incident Command System (ICS)/Hospital Incident Command System (HICS), and NIMS is recommended.
<b>Certifications/Permits/Licenses</b>	DHS, Cal OES and POST Approved
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Mozaik Solutions
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>

Schedule of Events	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises
		0800 – 0830	Introduction
		0830 – 0900	Role of the Field Leader
		0900 – 1200	Critical Incident Dynamics
		1200 – 1300	Lunch
		1300 – 1400	Mutual Aid
		1400 – 1530	Role of the Fire Department
		1530 – 1700	Law Enforcement Role in MCI
	DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises
		0800 – 0930	Crisis Media Relations
		0930 – 1200	Critical Incident Plan/Checklist
		1200 – 1300	Lunch
		1300 – 1500	Issues (Terrorism, High Rise, etc.)
		1500 – 1700	SEMS/NIMS and LE ICS
	DAY 3	0800 – 1700	Classroom Lecture and Practical Exercises
		0800 – 0930	Unified Command in a Tactical Event
		0930 – 1200	Case Studies
		1200 – 1300	Lunch
		1300 – 1500	Tabletop/Practical
		1500 – 1700	Conclusion & Closing
	Total Time	24 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Critical Thinking (Full Day Course)

### Course Description

This course provides a foundation and framework for critical thinking under pressure. The key challenge in an information age is knowing how to judge the quality of information, opinions, and arguments that one is exposed to. This includes ideas, arguments, and assertions that we see in the news, in emergencies, on the job, and in all human relations. Critical thinking is a fundamental leadership competency. Leaders are often presented with information from a variety of sources and about areas where they have no expertise. They must know how to make good judgments about people, information, arguments, and threats.

### Performance Objectives

- Assess situations from multiple perspectives
- Critically analyze information
- Challenge assumptions and biases
- Overcome critical thinking barriers

Max Students/Course	40																																													
Duration	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>																																													
No. Instructors	2 (1:20)																																													
Prerequisites	None																																													
Certifications/Permits/Licenses	DHS and Cal OES Approved																																													
Course Cost	Please contact SenseMakers LLC																																													
Course Vendor(s)	Mozaik Solutions																																													
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ Tables and chairs</li><li>▪ Projector and screen</li><li>▪ Lapel microphone or hand-held microphone</li><li>▪ Connection cables (HDMI and VGA) for projection system</li><li>▪ Any requested snacks: water, coffee, snacks/meals</li></ul>																																													
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li><li>▪ Thumb drive</li><li>▪ Slide advancer</li><li>▪ Role play and tabletop exercise materials</li></ul>																																													
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li></ul>																																													
Schedule of Events	<table><tr><th>DAY 1</th><th>0800 – 1700</th><th>Classroom Lecture and Practical Exercises</th></tr><tr><td></td><td>0800 – 0830</td><td>Introduction</td></tr><tr><td></td><td>0830 – 0845</td><td>The Importance of Thinking</td></tr><tr><td></td><td>0845 – 0900</td><td>The Functions of the Mind</td></tr><tr><td></td><td>0900 – 0930</td><td>Mental Maps</td></tr><tr><td></td><td>0930 – 0945</td><td>Break</td></tr><tr><td></td><td>0945 – 1100</td><td>Information and Disinformation</td></tr><tr><td></td><td>1100 – 1200</td><td>Double-edged Knowledge Tools</td></tr><tr><td></td><td>1200 – 1300</td><td>Lunch</td></tr><tr><td></td><td>1300 – 1330</td><td>How to Interpret Information</td></tr><tr><td></td><td>1330 – 1430</td><td>Barriers to Critical Thinking</td></tr><tr><td></td><td>1430 – 1530</td><td>Overcoming Critical Thinking Barriers</td></tr><tr><td></td><td>1530 – 1545</td><td>Break</td></tr><tr><td></td><td>1545 – 1630</td><td>Torture and Tolerance</td></tr><tr><td></td><td>1630 – 1700</td><td>Brief Out</td></tr></table>	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises		0800 – 0830	Introduction		0830 – 0845	The Importance of Thinking		0845 – 0900	The Functions of the Mind		0900 – 0930	Mental Maps		0930 – 0945	Break		0945 – 1100	Information and Disinformation		1100 – 1200	Double-edged Knowledge Tools		1200 – 1300	Lunch		1300 – 1330	How to Interpret Information		1330 – 1430	Barriers to Critical Thinking		1430 – 1530	Overcoming Critical Thinking Barriers		1530 – 1545	Break		1545 – 1630	Torture and Tolerance		1630 – 1700	Brief Out
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<b>Total Time</b>	8 hours (approx.)
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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)
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## Critical Thinking (Half Day Course)

### Course Description

This course provides a foundation and framework for critical thinking under pressure. The key challenge in an information age is knowing how to judge the quality of information, opinions, and arguments that one is exposed to. This includes ideas, arguments, and assertions that we see in the news, in emergencies, on the job, and in all human relations. Critical thinking is a fundamental leadership competency. Leaders are often presented with information from a variety of sources and about areas where they have no expertise. They must know how to make good judgments about people, information, arguments, and threats.

### Performance Objectives

- Assess situations from multiple perspectives
- Challenge assumptions and biases
- Overcome critical thinking barriers

<b>Max Students/Course</b>	40		
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:20)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 40 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction
		0830 – 0845	The Importance of Thinking
		0845 – 0900	The Functions of the Mind
		0900 – 0930	How to Interpret Information
		0930 – 1030	Barriers to Critical Thinking
		1030 – 1045	Break
		1045 – 1145	Overcoming Critical Thinking Barriers
		1145 – 1200	Brief Out
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## Critical Thinking for Public Safety

### Course Description

This course outlines the processes for thinking objectively and critically about data processes and procedures related to law enforcement / public safety / emergency situations. Learn how to critically (and accurately) examine and process data sets, accept and reject hypotheses, and present clear directions to peers and administrators. Hands-on exercises are emphasized.

### Performance Objectives

Upon completion of this course attendees will understand better how decisions (good and bad) come to be made. They will identify fallacies in cognitive thinking (especially under stress and duress) and will have practical tools for communicating their accepted hypothesis to peers, management, and the public.

<b>Max Students/Course</b>	40		
<b>Duration</b>	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Police Technical		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 40 students</li> <li>LCD Projector or flatscreen</li> <li>Lighting controls</li> <li>Podium</li> <li>Classroom seating</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> <li>Certificate of completion</li> <li>Access to post-class online materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## CrowdStrike Certification and Training Overview

### Course Description

This one-hour webinar will provide the BAUASI community an overview on how CrowdStrike tools and training will help them defend their cities against threat actors. It will outline the Real Threat Landscape, review a case study on threat actors, and discuss the roles of technologies like Cloud Native, AI, and Single Agent. Finally, the webinar will give an overview of Intelligence and Threat Hunting for incident prevention and response.

### Performance Objectives

- Understand how to implement CrowdStrike tools to identify and prevent cyber attacks
- Understand how threat actors behave and coordinate cyber attacks

<b>Max Students/Course</b>	20
<b>Duration</b>	1 hour - <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	N/A
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	None
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> </ul>
<b>Schedule of Events</b>	1-hour webinar



## Cyber Incident Response Planning (Classroom Delivery)

### Course Description

In this course offering, Cadmus will provide training on cyber incident response planning through sound continuity planning and associated best practices. It is recommended that key personnel from across the organization/jurisdiction attend the course together. Cadmus will assist them in applying the forthcoming 2020 Bay Area UASI Cyber Toolkit as well as the 2015 Bay Area UASI Continuity of Operations (COOP) Gaps and Recommendations Report and its associated Toolkit to enhance their cyber resilience. We will present an in-depth review of how to identify, collect, and assess the organization/jurisdiction's mission essential functions, mission essential assets, and determine risks associated with loss of functions/assets. We will connect effective continuity planning to cyber incident response planning, clearly establishing how implementation of continuity planning processes builds the foundation for cyber incident response. Once a solid continuity and cyber incident response planning has been established, the students will be invited to workshop these concepts with their organizational/jurisdictional counterparts with support from the instructors. This session is intended to allow students to assess their current cyber incident response posture and determine next steps in planning.

### Performance Objectives

- Describe the course overview and objectives
- Articulate how continuity planning impacts cyber incident response planning
- Define and effectively conduct a Business Process Analysis (BPA) and Business Impact Analysis (BIA) for their organization/jurisdiction
- Identify the linkages between the COOP Plan, Disaster Recovery Plan/Technology Recovery Plan (DRP/TRP), and Cyber Incident Response Plan and when each should be consulted
- Determine how the Bay Area UASI's Cyber Toolkit may assist in cyber incident response planning
- Determine the current state of organizational/jurisdictional continuity and cyber incident response planning
- Delineate next steps in organizational/jurisdictional continuity and cyber incident response planning
- Complete administrative and course evaluation tasks

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Cadmus Group		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction and Course Overview
		0830 – 0900	Cyber Incident Response Overview
		0900 – 0930	Introduction to Continuity Planning
		0930 – 1015	Conducting a Business Process Analysis
		1015 – 1030	Break
		1030 – 1130	Conducting a Business Impact Analysis



1130 – 1200	Creating Continuity & Cyber Incident Response Plans
1200 – 1300	Lunch
1300 – 1400	Creating Continuity & Cyber Incident Response Plans
1400 – 1415	Break
1415 – 1600	Cyber Incident Response Planning Working Group
1600 – 1700	Course Review
<b>Total Time</b>	<b>8 hours (approx.)</b>

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Cyber Incident Response Planning (Virtual Delivery)

### Course Description

In this course offering, Cadmus will provide training on cyber incident response planning through sound continuity planning and associated best practices. It is recommended that key personnel from across the organization/jurisdiction attend the course together. Cadmus will assist them in applying the forthcoming 2020 Bay Area UASI Cyber Toolkit as well as the 2015 Bay Area UASI Continuity of Operations (COOP) Gaps and Recommendations Report and its associated Toolkit to enhance their cyber resilience. We will present an in-depth review of how to identify, collect, and assess the organization/jurisdiction's mission essential functions, mission essential assets, and determine risks associated with loss of functions/assets. We will connect effective continuity planning to cyber incident response planning, clearly establishing how implementation of continuity planning processes builds the foundation for cyber incident response. Once a solid continuity and cyber incident response planning has been established, the students will be invited to workshop these concepts with their organizational/jurisdictional counterparts with support from the instructors. This session is intended to allow students to assess their current cyber incident response posture and determine next steps in planning.

### Performance Objectives

- Describe the course overview and objectives
- Articulate how continuity planning impacts cyber incident response planning
- Define and effectively conduct a Business Process Analysis (BPA) and Business Impact Analysis (BIA) for their organization/jurisdiction
- Identify the linkages between the COOP Plan, Disaster Recovery Plan/Technology Recovery Plan (DRP/TRP), and Cyber Incident Response Plan and when each should be consulted
- Determine how the Bay Area UASI's Cyber Toolkit may assist in cyber incident response planning
- Determine the current state of organizational/jurisdictional continuity and cyber incident response planning
- Delineate next steps in organizational/jurisdictional continuity and cyber incident response planning
- Complete administrative and course evaluation tasks

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours)		
<b>No. Instructors</b>	3 (1:10)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Cadmus Group		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop or desktop computer for each student with virtual platform of organization's/jurisdiction's preference for remote presentation</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction and Course Overview
		0830 – 0900	Cyber Incident Response Overview
		0900 – 0930	Introduction to Continuity Planning
		0930 – 1015	Conducting a Business Process Analysis
		1015 – 1030	Break

1030 – 1130	Conducting a Business Impact Analysis
1130 – 1200	Creating Continuity & Cyber Incident Response Plans
1200 – 1300	Lunch
1300 – 1400	Creating Continuity & Cyber Incident Response Plans
1400 – 1415	Break
1415 – 1600	Cyber Incident Response Planning Working Group
1600 – 1700	Course Review
<b>Total Time</b>	<b>8 hours (approx.)</b>

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Cyber Ready Community Game

### Course Description

The Federal Emergency Management Agency (FEMA), in coordination with the Cybersecurity and Infrastructure Security Agency (CISA) and other partners, has developed a Cyber Ready Community Game. This non-technical boardgame was meant to augment and extend the reach of the cyber-focused National Level Exercise (NLE) 2020 so that meaningful conversations about cyber preparedness would take place in communities and organizations nationwide, not just among participants in the NLE itself.

The Cyber Ready Community Game splits players into teams representing key organizations within a community (see Disciplines, below). Anyone can play; players need not have a technical background in information technology (IT), and they do not necessarily have to be associated with any of the six types of organizations included within the game. However, discussions will be better if these groups are represented and at least a few players have some IT expertise. Players seek to maintain the Critical Business Services their organizations perform for themselves and/or the community. Players first invest limited resources in preparedness measures aligned with the National Institute of Standards and Technology's (NIST's) Cybersecurity Framework, buying cards that cover spaces on their boards. They then endure four rounds of "injects," drawing inject cards to see if their preparedness strategies succeed against cyber incidents. Players reveal damage assessments in a "coordination call" hosted by the Emergency Management organization and can negotiate among themselves for resources to partially mitigate damages. A facilitator leads discussions before, during, and after the inject rounds on strategies for preparedness, cyber incident reporting, incident coordination, available assistance, public-private collaboration, etc., as well as what participants have learned from discussions in the game. The team with the highest score "wins" but the average score and the status of Critical Business Services determines the success or failure of the community as a whole.

### Performance Objectives

- Describe the course overview and objectives
- Identify the five categories of the NIST Cybersecurity Framework
- Categorize a range of cyber threats and vulnerabilities
- List options for reporting cyber incidents
- Practice game play to familiarize themselves with the rules and flow
- Describe interactions between cybersecurity, cyber incident response and recovery, continuity of essential functions or "critical business services," and potential physical impacts of cyber incidents
- Summarize the need for, and possible obstacles to, coordination between the emergency management and cybersecurity communities as well as the public and private sectors for community cyber preparedness
- Assess cyber preparedness topics and resources for additional research/study
- Complete administrative and course evaluation tasks

<b>Max Students/Course</b>	30
<b>Duration</b>	1/2 day (4 hours)
<b>No. Instructors</b>	2 (1:15)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	Pending FEMA publication
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Cadmus Group
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> </ul>

<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction and Course Overview
		0830 – 0900	Invest in Cyber Preparedness/Discuss Strategy
		0900 – 0915	Practice Round/Review of Rules/Questions
		0915 – 0945	Inject Round 1/Discuss Integration of Cybersecurity and Emergency Operations
		0945 – 1015	Inject Round 2/Discuss Available Partners, Assistance, and Resources
		1015 – 1045	Inject Round 3/Discuss Incident Reporting
		1045 – 1115	Inject Round 4/Discuss Public and Private Sector Relationships
		1115 – 1145	Tally Results and Review Game Play
		1145 – 1200	Course Review
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## Cyber Strategies to Combat Human Trafficking

### Course Description

The CCI is launching its own training, titled “Strategies to Combat Human Trafficking.” This course will teach attendees about the following topics:

- Impact of mobile forensics on human trafficking cases as well as the CalECPA’s impact on how law enforcement, prosecutors and decision-makers fight modern-day slavery
- Real-life human trafficking through immersive training exercises that represent actual scenes, including brothels or illicit massage businesses laced with cyber evidence on varying electronic devices
- Emotional engagement and skills required to process the difficult emotions that arise in response to human trafficking crimes
- Basic mobile forensics concepts that drastically change the way evidence is collected and retrieved. In addition, attendees will review evidence resembling current cases under prosecution
- Actions for attendees to implement in their community, state, country, and world

### Performance Objectives

- What is human trafficking
- Common misconceptions about human trafficking
- Identification of human trafficking at school, at home, within sphere of influence through various case studies and interactive methods
- Psychology of victim, mental and emotional barriers
- Push and pull factors
- Psychology of perpetrator, tactics used to recruit, groom, and exploit
- Technology safety, dangers of social media and other online platforms
- How to help

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours)
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	Pending POST, DHS, and CalOES approval
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	None
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> </ul>
<b>Schedule of Events</b>	Under development



## Cybersecurity for Business Executives – CYB201

### Course Description

The Cybersecurity for Business Executives classroom-based course provides awareness level training specifically to the owners, C-suite executives, and upper management of private sector businesses. The course will provide information on the cybersecurity threats, regulations, and impacts a business is exposed to in today's interconnected operations. Discussions are focused on providing a better understanding of the risks involved and actions to help manage and mitigate those risks. The course will provide guidance outlining the protective measures needed to reduce the vulnerability to malicious attacks and threats.

### Performance Objectives

The scope/objective of this course is to help executives understand the seriousness of cybersecurity, how easily they can be victimized, and how damaging the ramifications can be. The intent is to provide them with enough information so they can return asking the right questions and begin implementing a cybersecurity program. Course topics include:

- Business implications of a cyber incident
- Cyber threats
- Data protection
- Industrial control systems
- Internet of Things
- Cyber-attack response and recovery
- Legal regulations and implications
- Supply chain considerations
- Developing a cybersecurity program
- Available resources

<b>Max Students/Course</b>	30
<b>Duration</b>	1/2 day (4 hours)
<b>No. Instructors</b>	2 (1:15)
<b>Prerequisites</b>	<p>There are no prerequisites for this course; however, the no cost, DHS sponsored online courses AWR-169 Cyber Incident Analysis and Response, AWR-176 Business Information Continuity, and AWR-177 Information Risk Management are recommended prior to attending CYB-201.</p> <p>Go to <a href="https://CyberReady.org">CyberReady.org</a> for more information and registration.</p> <p>Learners should have the ability/authority to make improvements in their work area.</p>
<b>Certifications/Permits/Licenses</b>	TEEX certificates will be available within two weeks after the class for those trainees/participants who complete the course. Instructions on how to retrieve and print the certificates will be provided.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	L2 Defense
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Whiteboard</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>

Schedule of Events	DAY 1	0800 – 1200	Classroom Lecture and Practical Exercises
		0800 – 0820	Introduction
		0820 – 0850	Module 1: Overview of Cybersecurity
		0850 – 0900	Break
		0900 – 0920	Module 1: Overview of Cybersecurity (continued)
		0920 – 0950	Module 2: Cybersecurity Risks for Business
		0950 – 1000	Break
		1000 – 1050	Module 2: Cybersecurity Risks for Business (continued)
		1050 – 1100	Break
		1100 – 1200	Module 3: Establishing a Cybersecurity Program
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 3 – ten (10) minute breaks





## Damage Assessment Planning for Disaster Cost Recovery

### Course Description

Damage assessment is the first and most critical phase of the long disaster cost recovery process. Most local agencies do not have an effective methodology for disaster damage assessment and can lose millions of dollars because of undiscovered and undocumented damage. The damage assessment process only begins with the Department of Building and Safety and it will involve many other city or county departments before the process is completed.

### Performance Objectives

Participants will learn the totality of the damage assessment spectrum, including the role of all departments, not just Building and Safety and Roads and Bridges. Participants will be provided with a comprehensive set of Excel spreadsheets and Adobe Acrobat forms to assist in tallying the damage in order to qualify for Federal assistance.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Projector and screen</li> <li>Lapel microphone or hand-held microphone</li> <li>Connection cables (HDMI and VGA) for projection system</li> <li>Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Thumb drive</li> <li>Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0900	Where Are We Spending Public Assistance Dollars
		0900 – 1000	Damage and Needs Assessment Summary
		1000 – 1100	Public Assistance Damage Assessment Guidelines
		1100 – 1200	City Owned Property Checklist For Damage Assessment
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## Dark Web Investigations

### Course Description

Students will learn how to comprehend each level of the web, from the surface (Google) down to the "deep" or "dark" sections. The course uncovers the criminal offenses and investigative techniques associated with the dark web. Current trends and future directions are discussed. Security protocols are observed in class to protect agency assets and identity.

### Performance Objectives

Upon completion of this course attendees will be able to safely access, search, and retrieve information the Dark Web related to agency operational goals.

Max Students/Course	40																					
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>																					
No. Instructors	2 (1:30)																					
Prerequisites	None																					
Certifications/Permits/Licenses	Cal OES Approved																					
Course Cost	Please contact SenseMakers LLC																					
Course Vendor(s)	Police Technical																					
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ Tables and chairs</li><li>▪ LCD Projector or flatscreen</li><li>▪ Lighting controls</li><li>▪ Podium</li><li>▪ Classroom seating</li></ul>																					
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>																					
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li><li>▪ Certificate of completion</li><li>▪ Access to post-class online materials</li></ul>																					
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>1200 – 1300</td><td>Lunch</td></tr><tr><td>DAY 2</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>1200 – 1300</td><td>Lunch</td></tr><tr><td>Total Time</td><td>16 hours (approx.)</td><td></td></tr></table>	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises		0800 – 1700	Classroom Lecture and Practical Exercises		1200 – 1300	Lunch	DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises		0800 – 1700	Classroom Lecture and Practical Exercises		1200 – 1300	Lunch	Total Time	16 hours (approx.)	
DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises																				
	0800 – 1700	Classroom Lecture and Practical Exercises																				
	1200 – 1300	Lunch																				
DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises																				
	0800 – 1700	Classroom Lecture and Practical Exercises																				
	1200 – 1300	Lunch																				
Total Time	16 hours (approx.)																					
(Estimate)																						

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Designated Marksman for Law Enforcement

### Course Description

This course provides officers with the needed skills to safely and properly use a rifle to engage at long distances.

### Performance Objectives

Officers will gain knowledge of shooting positions, terminal ballistics, accuracy and tactics, techniques and procedures for overwatch and long-distance shooting.

<b>Max Students/Course</b>	30
<b>Duration</b>	2 days (16 hours)
<b>No. Instructors</b>	3 (1:10)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	Certificate given upon completion
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Defoor Consulting Inc.
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom/training facility for 30 students</li> <li>Tables and chairs</li> <li>Whiteboard</li> <li>A/V equipment</li> </ul>
<b>Contractor Provided Equipment</b>	Instructors provide their own: <ul style="list-style-type: none"> <li>Gear</li> <li>Weapons</li> <li>Ammunition</li> </ul>
<b>Student Materials</b>	Students much provide their own: <ul style="list-style-type: none"> <li>Gear</li> <li>Weapons</li> <li>Ammunition</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 2 days for a total of 16 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Developing on AWS

### Course Description

Learn how to use the AWS SDK to develop secure and scalable cloud applications. Explore how to interact with AWS using code and also learn about key concepts, best practices, and troubleshooting tips.

### Performance Objectives

Developing on AWS helps developers understand how to use the AWS SDK to develop secure and scalable cloud applications. The course provides in-depth knowledge about how to interact with AWS using code and covers key concepts, best practices, and troubleshooting tips. This course teaches you how to:

- Set up the AWS SDK and developer credentials for Java, C#/.Net, Python, and JavaScript
- Use the AWS SDK to interact with AWS services and develop solutions
- Use Amazon Simple Storage Service (Amazon S3) and Amazon DynamoDB as data stores
- Integrate applications and data by using Amazon Kinesis, AWS Lambda, Amazon Simple Queue Service (Amazon SQS), Amazon Simple Notification Service (Amazon SNS), and Amazon Simple Workflow Service (Amazon SWF)
- Use AWS Identity and Access Management (IAM) for service authentication
- Use Web Identity Framework and Amazon Cognito for user authentication
- Use Amazon ElastiCache and Amazon CloudFront to improve application scalability
- Deploy applications by using AWS Elastic Beanstalk and AWS CloudFormation

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours) <i>Online live remote or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"><li>▪ Familiarity with AWS services</li><li>▪ A working knowledge of Java, C#/.Net, or Python</li></ul>
<b>Certifications/Permits/Licenses</b>	<ul style="list-style-type: none"><li>▪ AWS Certified Developer – Associate</li><li>▪ Pending POST, DHS, and CalOES approval</li></ul>
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	None
<b>Student Materials</b>	<ul style="list-style-type: none"><li>▪ Print and Digital courseware</li></ul>
<b>Schedule of Events</b>	Under development



## Digital Transformation Hub Introduction to Public Sector Innovation through Distribution Thinking

### Course Description

The one-hour webinar will review recent challenges in the public sector as well as delve into how your team may participate in finding solutions to your most pressing challenges. The DxHub works closely with the CCI and has delivered significant change to the law enforcement community. The webinar will cover the BAUASI challenges in the Bay Area case study, outline how the DxHub innovation process works, and educate on how free access to this type of innovation can augment solutions building for the public sector.

### Performance Objectives

- Understand the DxHub's Innovation strategy
- Understand how free training can be accessed and leveraged to prototype solutions for virtually any public sector problem

Max Students/Course	500
Duration	1 hour
No. Instructors	1 (1:500)
Prerequisites	None
Certifications/Permits/Licenses	N/A
Course Cost	Please contact SenseMakers LLC
Course Vendor(s)	California Cybersecurity Institute
Customer/Government-Provided Equipment	N/A
Contractor Provided Equipment	None
Student Materials	<ul style="list-style-type: none"><li>▪ Print and Digital courseware</li></ul>
Schedule of Events	1-hour webinar



## Disaster Cost Recovery

### Course Description

This Disaster Cost Recovery training program provides a broad overview of disaster cost recovery processes, including requirements for obtaining and retaining federal disaster assistance grants, specifically, FEMA's "Public Assistance" program. The training includes detailed information on disaster response cost documentation and disaster assistance eligibility guidelines. The training includes actual FEMA case studies, group exercises, examples taken from actual disasters, and Department of Homeland Security audits.

### Performance Objectives

Participants will learn about the complex documentation requirements for receiving and retaining Federal disaster assistance. They will receive valuable Excel worksheets and Adobe Acrobat forms to aid in tracking activities and expenses. They will learn many of the hidden issues that can result in FEMA de-obligations or adverse DHS audit findings. The class includes numerous scenario exercises to demonstrate the documentation processes required by FEMA.

<b>Max Students/Course</b>	30		
<b>Duration</b>	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	While not mandatory, an understanding of the Incident Command System (ICS)/Hospital Incident Command System (HICS), and NIMS is recommended.		
<b>Certifications/Permits/Licenses</b>	DHS, Cal OES and POST Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Projector and screen</li> <li>Lapel microphone or hand-held microphone</li> <li>Connection cables (HDMI and VGA) for projection system</li> <li>Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Thumb drive</li> <li>Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction/Overview
		0830 – 0845	Break
		0845 – 1000	EOC Finance and Administration Basics
		1000 – 1200	Disaster What to do List
		1200 – 1300	Lunch
		1300 – 1400	Finance Role in Damage Assessment
		1400 – 1415	Break
		1414 – 1700	Tracking Exercise
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Disaster Overtime Pay Policy Info
		0830 – 0900	Labor, Equipment & Materials
		0900 – 0915	Break
		0915 – 1000	Disaster Overtime Estimator

1000 – 1100	Special Disaster Operations
1100 – 1200	Financial Impact of Disaster Relief Donations
1200 – 1300	Lunch
1300 – 1400	Public Assistance Eligibility
1400 – 1415	Break
1415 – 1530	Calculating Repair V. Replacement
1530 – 1600	Federal Aid
1600 – 1700	Conclusion
<b>Total Time</b>	16 hours (approx.)

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Disaster Pay, Employee Feeding, and Housing for Cost Recovery

### Course Description

When the local agency has certain policies in place before a disaster strikes, it can be eligible to have certain costs for feeding and housing of employees reimbursed by FEMA. Similarly, with the proper policies in place, otherwise non-exempt employees may receive overtime pay that can be FEMA reimbursable. Compensatory time off in lieu of paid overtime may or may not be reimbursable by FEMA depending on local policies. These issues are addressed in this workshop and some sample policies are provided.

### Performance Objectives

Participants will learn how properly drafted policies can increase the availability of FEMA grant funding following a disaster. The policies discussed include disaster overtime for salaried employees; lodging for key disaster response employees, and issues with child care for employee's children. The workshop makes extensive use of FEMA Appeals cases and DHS audits.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Projector and screen</li> <li>Lapel microphone or hand-held microphone</li> <li>Connection cables (HDMI and VGA) for projection system</li> <li>Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Thumb drive</li> <li>Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0900	Introduction
		0900 – 1000	Disaster Overtime Pay Policy & Procedures
		1000 – 1130	Feeding Policy For Disaster Service Workers
		1130 – 1200	What To Do List: Employee Considerations for Cost Recovery
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break





## Disaster Recovery Financial Management Best Practices

### Course Description

This course will provide participants information about best practices in disaster recovery financial management.

### Performance Objectives

Participants will learn about FEMA's Public Assistance program requirements, as well as best practices for streamlining processes in order to maximize the benefit of available funding.

<b>Max Students/Course</b>	40		
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:20)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 40 students</li> <li>Tables and chairs</li> <li>Projector and screen</li> <li>Lapel microphone or hand-held microphone</li> <li>Connection cables (HDMI and VGA) for projection system</li> <li>Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Thumb drive</li> <li>Slide advancer</li> <li>Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0845	Policies, Procedures and Best Practices
		0845 – 1000	Disaster Event Scoping and Planning
		1000 – 1015	Break
		1015 – 1100	Operational Planning
		1100 – 1200	Damage Intake and Eligibility Analysis
		1200 – 1300	Lunch
		1300 – 1345	Scoping and Costing
		1345 – 1430	Obligation
		1430 – 1445	Break
		1445 – 1530	Requests for Reimbursement
		1530 – 1615	Closeout and Audits
		1615 – 1700	Recap and Questions
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Disaster Recovery Reform Act of 2018 (DRRA) Overview and Wildfire Provisions

### Course Description

This course will provide an overview of changes effected by the Disaster Recovery Reform Act of 2018 (DRRA) and related wildfire provisions.

### Performance Objectives

This course will help participants understand the key wildfire provisions of the DRRA and how the legislation is intended to build a culture of preparedness and reduce the complexities of FEMA recovery and mitigation programs.

Max Students/Course	40																								
Duration	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>																								
No. Instructors	1 (1:40)																								
Prerequisites	None																								
Certifications/Permits/Licenses	N/A																								
Course Cost	Please contact SenseMakers LLC																								
Course Vendor(s)	Mozaik Solutions																								
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ Tables and chairs</li><li>▪ Projector and screen</li><li>▪ Lapel microphone or hand-held microphone</li><li>▪ Connection cables (HDMI and VGA) for projection system</li><li>▪ Any requested snacks: water, coffee, snacks/meals</li></ul>																								
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li><li>▪ Thumb drive</li><li>▪ Slide advancer</li><li>▪ Role play and tabletop exercise materials</li></ul>																								
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li></ul>																								
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1200</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>0800 – 0900</td><td>Module 1 (DRRA Overview)</td></tr><tr><td></td><td>0900 – 0915</td><td>Break</td></tr><tr><td></td><td>0915 – 1000</td><td>Module 2 (DRRA Section 1204 – Post Fire Hazard Mitigation Grant Program)</td></tr><tr><td></td><td>1000 – 1045</td><td>Module 3 (DRRA Section 1205 – Additional Activities for Wildfire and Wind Implementation under Hazard Mitigation Assistance Programs)</td></tr><tr><td></td><td>1045 – 1100</td><td>Break</td></tr><tr><td></td><td>1100 – 1200</td><td>Module 4 (Case Studies and Current Issues)</td></tr><tr><td>Total Time</td><td>4 hours (approx.)</td><td></td></tr></table>	DAY 1	0800 – 1200	Classroom Lecture and Practical Exercises		0800 – 0900	Module 1 (DRRA Overview)		0900 – 0915	Break		0915 – 1000	Module 2 (DRRA Section 1204 – Post Fire Hazard Mitigation Grant Program)		1000 – 1045	Module 3 (DRRA Section 1205 – Additional Activities for Wildfire and Wind Implementation under Hazard Mitigation Assistance Programs)		1045 – 1100	Break		1100 – 1200	Module 4 (Case Studies and Current Issues)	Total Time	4 hours (approx.)	
DAY 1	0800 – 1200	Classroom Lecture and Practical Exercises																							
	0800 – 0900	Module 1 (DRRA Overview)																							
	0900 – 0915	Break																							
	0915 – 1000	Module 2 (DRRA Section 1204 – Post Fire Hazard Mitigation Grant Program)																							
	1000 – 1045	Module 3 (DRRA Section 1205 – Additional Activities for Wildfire and Wind Implementation under Hazard Mitigation Assistance Programs)																							
	1045 – 1100	Break																							
	1100 – 1200	Module 4 (Case Studies and Current Issues)																							
Total Time	4 hours (approx.)																								

\*Schedule designed to also include the following:

- 2 – fifteen (15) minute breaks)



## Dragos Training and Certification Overview

### Course Description

Dragos arms organizations with the most robust industrial cybersecurity technology, backed by the industry's largest team of ICS practitioners who built it. Together, we empower you to safeguard civilization. Dragos has worked with Cal Poly's CCI to deliver training for the public sector community on industrial control systems (ICS).

This one-hour webinar will provide the BAUASI community an overview on how Dragos tools and training will help them defend their cities against threat actors. It will provide an overview of threat hunting and threat intelligence, and how effectively assess risk and implement preventative measures against cyber-attacks. Additionally, it will review Malware Reverse Engineering, as well as Securing Critical Infrastructure, all utilizing Dragos tools.

### Performance Objectives

- How to leverage Dragos tools to assess the threat landscape and identify risks
- Understand best practices for securing critical infrastructure with Dragos tools
- Understand how to leverage Dragos tools for malware reverse engineering to better understand the anatomy of cyber attacks

<b>Max Students/Course</b>	500
<b>Duration</b>	1 hour - <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	1 (1:500)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	N/A
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	None
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> </ul>
<b>Schedule of Events</b>	1-hour webinar



## E/L 950: All-Hazards Position Specific Incident Commander

### Course Description

This course addresses all roles and responsibilities appropriate to an Incident Commander operating on local or state-level AHIMT. These responsibilities fall into two categories: 1) responding to the incident and command needs of the incident, and 2) effectively fulfilling the position responsibilities of an Incident Commander on an AHIMT. The course is an All-Hazards, instructor-led training that supports learning through discussion, lecture, and active participation in multiple exercises.

### Performance Objectives

- Demonstrating how to manage an IMT through an understanding of the interactions between the Incident Commander and the individual members of the IMT
- Develop an understanding of the Incident Commander's responsibilities in IMT administration and readiness
- Demonstrate the purpose and function of Command, Agency Oversight, Support, and Coordination as they relate to incident management and the role of an Incident Commander

<b>Max Students/Course</b>	30
<b>Duration</b>	5 days (40 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> <li>▪ G 191 – ICS/EOC Interface Workshop</li> <li>▪ O-305 – Type 3 AHIMT Training course (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Elite Command Training, Industrial Emergency Council, Integrated Solutions Consulting, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ One main classroom approximately 30 x 40 feet in dimension</li> <li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>▪ One extra table, two chairs for instructor use in the back of the room</li> <li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>▪ One Projector</li> <li>▪ Audio/visual support capability (projection screen and white board)</li> <li>▪ One computer dedicated to PowerPoint® projection</li> <li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> </ul>

<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Position Specific Presentation</li> <li>Applicable take-away materials and resources</li> <li>Classroom supplies</li> <li>All Student Manuals, handouts, ICS Forms, wall charts/displays</li> <li>FEMA Registration Form</li> <li>FEMA Evaluations</li> <li>Final Exam</li> <li>Course Certificate presented at the conclusion of the course</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>ICS Forms</li> <li>Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	2-3 hours	Course Introduction Exercise 1
	Unit 2	1 hour 45 min	Managing the Organization Exercise 2
	Unit 3	45 min 45 min End of Day	IC Responsibilities in IMT Administration and Readiness Exercise 3 Expectations Review
	<b>DAY 2</b>		
	Unit 4	15 min	Kits, Aids, and Guide
	Unit 5	30 min	Command, Coordination, Support, and Agency Oversight
	Unit 6	2 hours, 30 min	Command Structure and MACS
	Unit 7	1 hour, 30 min End of Day	Agency Administrator and IC Cooperation Expectations Review
	<b>DAY 3</b>		
	Unit 8	1 hour, 15 min 30 min	Transfer of Command Exercise 5
	Unit 9	1 hour, 30 min	Communication, Information, and Intelligence Processing
	Unit 10	1 hour 45 min	Objectives, Strategies, and Tactics Exercise 6
	Unit 11	2 hours End of Day	Planning & Meetings Expectations Review
	<b>DAY 4</b>		
	Unit 12	1 hour, 45 min 30 min 30 min	Staffing Exercise 7 Exercise 8
	Unit 13	1 hour 30 min	Special Situations Exercise 9
	Unit 14	1 hour, 15 min 30 min End of Day	Financial Management Exercise 10 Expectations Review
	<b>DAY 5</b>		
	Unit 15	1 hour	Agreements
	Unit 16	1 hour 30 min	Personal Documentation Exercise 11
	Unit 17	1 hour	Demobilization Course Expectations Review Course Final/Review & Certificates
	<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 952: All-Hazards Position Specific Public Information Officer

### Course Description

This course is designed for a Public Information Officer (PIO) assigned to an incident as a member of an All-Hazards Incident Management Team (AHIMT) and local IMTs, as well as for the PIO assigned to an incident as an Assistant PIO in a variety of capacities. This course will help participants develop a strong set of core PIO skills and the ability to apply them within the context of an AHIMT. This course is also distinct from other information function courses in that it combines elements from both the basic and advanced functions to concentrate training on the fundamental duties and responsibilities of the PIO in an all-hazards environment. The course material does not assume or require experience as a PIO, but also is not a basic PIO course. Exercises, simulations, discussions, and a final exam enable participants to process and apply their new knowledge.

### Performance Objectives

At the end of this course, participants will be able to: Develop a strong set of core PIO skills and apply them within the context of an All-Hazards Incident Management Team.

<b>Max Students/Course</b>	30
<b>Duration</b>	5 days (40 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>IS 100.b – Introduction to ICS, ICS-100</li> <li>IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li> <li>IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>IS 800.b – National Response Framework, An Introduction</li> <li>O-305 – Type 3 AHIMT Training course (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Elite Command Training, Industrial Emergency Council, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>One main classroom approximately 30 x 40 feet in dimension</li> <li>Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>One extra table, two chairs for instructor use in the back of the room</li> <li>One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>One Projector</li> <li>Audio/visual support capability (projection screen and white board)</li> <li>One computer dedicated to PowerPoint® projection</li> <li>Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Position Specific Presentation</li> <li>Applicable take-away materials and resources</li> <li>Classroom supplies</li> <li>All Student Manuals, handouts, ICS Forms, wall charts/displays</li> <li>FEMA Registration Form</li> <li>FEMA Evaluations</li> <li>Final Exam</li> </ul>

	<ul style="list-style-type: none"> <li>Course Certificate presented at the conclusion of the course</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>ICS Forms</li> <li>Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	2-3 hours	Course Introduction
	Unit 2	3 hours, 30 min	Roles and Responsibilities
	Unit 3	30 min	Incident Information Operations
		End of Day	Expectations Review
	<b>DAY 2</b>		
	Unit 3	1 hour	Incident Information Operations (Continued)
	Unit 4	2 hours	Developing a Communications Strategy
	Unit 5	3 hours	Effective Media Relations/Using Social Media
		End of Day	Expectations Review
	<b>DAY 3</b>		
	Unit 5	5 hours	Effective Media Relations/Using Social Media (Continued)
	Unit 6	1 hour, 30 min	Assistant Public Information Officer Tasks and Assignments
		End of Day	Expectations Review
	<b>DAY 4</b>		
	Unit 7	4 hours	Effective Community Relations
	Unit 8	2 hours, 30 min	Special Situations
		End of Day	Expectations Review
	<b>DAY 5</b>		
	Unit 8	2 hours, 30 min	Special Situations (Continued)
	Unit 9	1 hour	Creating a Safe Environment
	Unit 10	30 min	Transition and Demobilization
			Course Expectations Review
			Course Final/Review
			Certificates
	<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 954: All-Hazards Position Specific Safety Officer

### Course Description

This course addresses all roles and responsibilities appropriate to a Safety Officer operating on local or state-level AHIMT or as a single resource. These responsibilities fall into two categories: 1) responding to the incident and command needs of the incident, and 2) effectively fulfilling the position responsibilities of a Safety Officer on an AHIMT or as a single resource.

### Performance Objectives

- Demonstrating the role and responsibility of the Safety Officer in the position and creating an attitude of safety on an incident
- Understand the distinction between a hazard and a safety risk and identify situations and actions that are of high importance to the Safety Officer
- Define several techniques that can be used to prioritize hazards for mitigation, as well as several types of mitigation and accident prevention
- Understand the purpose, components, and use of the Incident Safety Analysis (ICS Form 215A)
- Understand and complete the Site Safety and Control Plan
- Discuss the Safety Officer's interactions with the Logistics Section (and its various sub-units) to ensure that personnel needs are safely met
- Demonstrate the Safety Officer's role in ensuring safety and disbanding the Safety Unit during incident demobilization and closeout

<b>Max Students/Course</b>	30
<b>Duration</b>	4 days (32 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> <li>▪ O-305 – Type 3 AHIMT Training course (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Elite Command Training, Industrial Emergency Council, Integrated Solutions Consulting, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ One main classroom approximately 30 x 40 feet in dimension</li> <li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>▪ One extra table, two chairs for instructor use in the back of the room</li> <li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>▪ One Projector</li> <li>▪ Audio/visual support capability (projection screen and white board)</li> <li>▪ One computer dedicated to PowerPoint® projection</li> <li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Position Specific Presentation</li> <li>▪ Applicable take-away materials and resources</li> <li>▪ Classroom supplies</li> </ul>



	<ul style="list-style-type: none"> <li>▪ All Student Manuals, handouts, ICS Forms, wall charts/displays</li> <li>▪ FEMA Registration Form</li> <li>▪ FEMA Evaluations</li> <li>▪ Final Exam</li> <li>▪ Course Certificate presented at the conclusion of the course</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>▪ ICS Forms</li> <li>▪ Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	1 hour, 30 min	Course Introduction
		30 min	Exercise 1
	Unit 2	1 hour	Overview of the Safety Officer Role
	Unit 3	1 hour, 30 min	Obtaining Incident Safety Information
		30 min	Exercise 2
	Unit 4	1 hour	Identifying Hazards and Risks
		30 min	Exercise 3
		45 min	Exercise 4
	<b>DAY 2</b>		
	Unit 6	45 min	Site Safety and Control Plan, ICS Form 208HM
		45 min	Exercise 8
		End of Day	Expectations Review
	<b>DAY 3</b>		
	Unit 8	1 hour	Incident Safety Plan
		30 min	Exercise 9
		30 min	Exercise 10
	Unit 9	2 hours	Coordination with Logistics Section
		45 min	Exercise 11
	Unit 10	3 hours	Coordination with Operations Section
	<b>DAY 4</b>		
	Unit 11	45 min	Special Situations
			Course Expectations Review
			Course Final/Review
			Certificates
	<b>Total Time</b>	32 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 956: All-Hazards Position Specific Liaison Officer

### Course Description

This course addresses all roles and responsibilities appropriate to a Liaison Officer operating on local or state-level AHIMT. These responsibilities fall into two categories: 1) responding to the incident and command needs of the incident, and 2) effectively fulfilling the position responsibilities of a Liaison Officer on an AHIMT. The course is an instructor-led training that supports learning through discussion, lecture, and active participation in multiple exercises.

### Performance Objectives

- Demonstrating the role and importance of the Liaison Officer as a member of the command staff
- Understand the function of an Agency Representative (AREP)
- Understand the roles and responsibilities of the LOFR regarding stakeholders and evaluate LOFR success
- Identify types of communication and work location needs for a given incident
- Demonstrate the process and relevant parties involved in incident information flow, including the role of Assistant LOFR
- Understand the Demobilization process as it relates to the duties of the LOFR

<b>Max Students/Course</b>	30
<b>Duration</b>	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> <li>▪ O-305 – Type 3 AHIMT Training course (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Elite Command Training, Integrated Solutions Consulting, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ One main classroom approximately 30 x 40 feet in dimension</li> <li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>▪ One extra table, two chairs for instructor use in the back of the room</li> <li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>▪ One Projector</li> <li>▪ Audio/visual support capability (projection screen and white board)</li> <li>▪ One computer dedicated to PowerPoint® projection</li> <li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos.</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Position Specific Presentation</li> <li>▪ Applicable take-away materials and resources</li> <li>▪ Classroom supplies</li> <li>▪ All Student Manuals, handouts, ICS Forms, wall charts/displays</li> <li>▪ FEMA Registration Form</li> <li>▪ FEMA Evaluations</li> <li>▪ Final Exam</li> </ul>

	<ul style="list-style-type: none"> <li>Course Certificate presented at the conclusion of the course</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>ICS Forms</li> <li>Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	1 hour, 30 min	Course Introduction
		30 min	Exercise 1
	Unit 2	1 hour	Position Concept
	Unit 3	1 hour	Agency Representative
	Unit 4	1 hour	Stakeholders
		15 min	Exercise 2
	Unit 5	1 hour	Incident Communications and Work Location
		End of Day	Expectation Review
	<b>DAY 2</b>		
	Unit 6	50 min	Information Flow and Use of Assistants
		20 min	Lesson
		20 min	Exercise 3
		20 min	Exercise 4
	Unit 7	30 min	The Planning Process
	Unit 8	45 min	Special Situations
	Unit 9	40 min	Demobilization
		20 min	Exercise 5
		End of Day	Course Expectations Review
			Course Final/Review
			Certificates
<b>Total Time</b>		16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 958: All-Hazards Position Specific Operations Section Chief

### Course Description

This course addresses all roles and responsibilities appropriate to an Operations Section Chief operating on local or State-level All-Hazards ICS Incident Management Team. These responsibilities fall into two categories: 1) responding to the incident and the command needs of the incident, and 2) effectively fulfilling the position responsibilities of an Operations Section Chief on an All-Hazards ICS Incident Management Team. The course is an All-Hazards, instructor-led training that supports learning through discussion, lecture, and active participation in multiple exercises.

### Performance Objectives

- Demonstrating the role and importance of the Operations Section Chief as they apply to planning, supervision, and coordination
- Understand incident management and planning processes utilized by the Operations Section Chief
- Demonstrate how to gather, organize, and communicate information necessary to perform as an Operations Section Chief
- Understand the purpose of the strategy, tactics, and planning meetings and the Operations Section Chief's role and responsibilities in developing the Operational Planning Worksheet (ICS 215) and the Incident Action Plan (IAP)

<b>Max Students/Course</b>	30
<b>Duration</b>	3 days (24 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> <li>▪ G 191 – ICS/EOC Interface Workshop (Recommended)</li> <li>▪ O-305 – Type 3 AHIMT Training course (Recommended)</li> <li>▪ O-337 – Command &amp; General Staff Functions for Local Incident Management Team (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Elite Command Training, Industrial Emergency Council, Integrated Solutions Consulting, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ One main classroom approximately 30 x 40 feet in dimension</li> <li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>▪ One extra table, two chairs for instructor use in the back of the room</li> <li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>▪ One Projector</li> <li>▪ Audio/visual support capability (projection screen and white board)</li> <li>▪ One computer dedicated to PowerPoint® projection</li> <li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Position Specific Presentation</li> <li>▪ Applicable take-away materials and resources</li> <li>▪ Classroom supplies</li> <li>▪ All Student Manuals, handouts, ICS Forms, wall charts/displays</li> </ul>

	<ul style="list-style-type: none"> <li>▪ FEMA Registration Form</li> <li>▪ FEMA Evaluations</li> <li>▪ Final Exam</li> <li>▪ Course Certificate presented at the conclusion of the course</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>▪ ICS Forms</li> <li>▪ Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	1 hour, 30 min	Course Introduction
		30 min	Exercise 1
	Unit 2	1 hour, 15 min	Roles and Responsibilities
	Unit 3	1 hour, 15 min	Management Cycle
	Unit 4	1 hour	Information Gathering
		End of Day	Expectations Review
	<b>DAY 2</b>		
	Unit 5	1 hour	Strategy and Planning
		2 hours	Exercise 2
	Unit 6	1 hour	Contingency Planning
		1 hour	Exercise 3
	Unit 7	30 min	Demobilization
		15 min	Quiz 1
		End of Day	Expectations Review
	<b>DAY 3</b>		
	Unit 8	1 hour, 30 min	Supervision and Communication
		1 hour	Exercise 4
	Unit 9	2 hours	Managing an Adjusting the Operations Section
	Unit 10	1 hour	Risk Assessment and Safety Management
		1 hour	Exercise 5
		15 min	Quiz
	Unit 11	1 hour	Personnel Interaction
		2 hours	Exercise 6
			Course Expectations Review
			Course Final/Review
			Certificates
	<b>Total Time</b>	32 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 960: All-Hazards Position Specific Division/Group Supervisor

### Course Description

This course addresses all roles and responsibilities appropriate to a Division or Group Supervisor operating on local or state level AHIMT or response. These responsibilities fall into two categories: 1) responding to the incident and command needs of the incident; and 2) effectively fulfilling the position responsibilities of a Division or Group Supervisor. The course is an All-Hazards, instructor led training that supports learning through discussion, lecture, and active participation in multiple exercises.

### Performance Objectives

- Demonstrate the functions and components of the Operations Section
- Describe the role and responsibilities of the Strike Team Leader and Task Force Leader
- Understand the supervision and personnel management responsibilities of the Division/Group Supervisor
- Describe the information gathering dissemination responsibilities of the Division Group Supervisor
- Describe the risk management and safety responsibilities of the Division Group Supervisor

<b>Max Students/Course</b>	30
<b>Duration</b>	3 days (18 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> <li>▪ G 191 – ICS/EOC Interface Workshop (Recommended)</li> <li>▪ O-305 – Type 3 AHIMT Training course (Recommended)</li> <li>▪ O-337 – Command &amp; General Staff Functions for Local Incident Management Team (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Elite Command Training, Industrial Emergency Council, Integrated Solutions Consulting, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ One main classroom approximately 30 x 40 feet in dimension</li> <li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>▪ One extra table, two chairs for instructor use in the back of the room</li> <li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>▪ One Projector</li> <li>▪ Audio/visual support capability (projection screen and white board)</li> <li>▪ One computer dedicated to PowerPoint® projection</li> <li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Position Specific Presentation</li> <li>▪ Applicable take-away materials and resources</li> <li>▪ Classroom supplies</li> <li>▪ All Student Manuals, handouts, ICS Forms, wall charts/displays</li> <li>▪ FEMA Registration Form</li> </ul>

	<ul style="list-style-type: none"> <li>▪ FEMA Evaluations</li> <li>▪ Final Exam</li> <li>▪ Course Certificate presented at the conclusion of the course</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>▪ ICS Forms</li> <li>▪ Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	2 hours	Course Introduction
	Unit 2	2 hours	Overview of the Operations Section
	Unit 3	1 hour	Overview of the Strike Team/Task Force Leader Positions
	Unit 4	1 hour	Division/Group Management and Personnel Management
	End of Day	30 min	Expectations Review
	<b>DAY 2</b>		
	Unit 4	1 hour, 30 min	Division/Group Management & Personnel Management
	Unit 5	4 hours, 30 min	Information Gathering & Briefing
	Unit 6	45 min	Role in the Planning Process
	End of Day	30 min	Expectations Review
	<b>DAY 3</b>		
	Unit 7	1 hour, 15 min	Risk Management & Safety
	Unit 8	1 hour, 30 min	Coordination
	End of Day	1 hour	Course Expectations Review
		1 hour	Final Exam/Review
	<b>Total Time</b>	18 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 962: All-Hazards Position Specific Planning Section Chief

### Course Description

This course addresses all responsibilities appropriate to a Planning Section Chief operating in a local or state-level All-Hazards Incident Management Team. These responsibilities fall into two categories: 1) managing the planning cycle and 2) tracking resources and incident status. The course is an instructor-led training that supports learning through discussion, lecture, and active participation in multiple tabletop exercises.

### Performance Objectives

- Identify course objectives and position-specific resource materials for the position of Planning Section Chief
- Describe the function of the Planning Section and the roles and responsibilities of the Planning Section Chief
- Describe the function of the Resources Unit and the roles and responsibilities of the Resources Unit Leader
- Describe the function of the Situation Unit and the roles and responsibilities of the Situation Unit Leader
- Describe the information gathered from the initial meetings, briefings, and documents
- Understand the purpose, timing, and structure of each of the meetings, briefings, and documents in the Planning Cycle
- Identify key strategies for interacting with members of the Planning Section, members of the IMT, and personnel outside of the IMT
- Describe the responsibilities of the Documentation Unit and Demobilization Unit Leaders and the purpose of the Final Incident Package

<b>Max Students/Course</b>	30
<b>Duration</b>	4 days (24 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> <li>▪ G 191 – ICS/EOC Interface Workshop (Recommended)</li> <li>▪ O-305 – Type 3 AHIMT Training course (Recommended)</li> <li>▪ O-337 – Command &amp; General Staff Functions for Local Incident Management Team (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Elite Command Training, Industrial Emergency Council, Integrated Solutions Consulting, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ One main classroom approximately 30 x 40 feet in dimension</li> <li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>▪ One extra table, two chairs for instructor use in the back of the room</li> <li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li> </ul>



	<ul style="list-style-type: none"> <li>One Projector</li> <li>Audio/visual support capability (projection screen and white board)</li> <li>One computer dedicated to PowerPoint® projection</li> <li>Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Position Specific Presentation</li> <li>Applicable take-away materials and resources</li> <li>Classroom supplies</li> <li>All Student Manuals, handouts, ICS Forms, wall charts/displays</li> <li>FEMA Registration Form</li> <li>FEMA Evaluations</li> <li>Final Exam</li> <li>Course Certificate presented at the conclusion of the course</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>ICS Forms</li> <li>Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	2 hours	Course Introduction
	Unit 2	30 min	Overview of the Planning Section Chief
	Unit 3	3 hours, 30 min	Overview of the Resource Unit
	<b>DAY 2</b>		
	Unit 4	3 hours, 30 min	Overview of the Situation Unit
	Unit 5	3 hours	Initial Response
	<b>DAY 3</b>		
	Unit 6	6 hours, 30 min	Planning Cycle
	<b>DAY 4</b>		
	Unit 7	2 hours	Interactions
	Unit 8	1 hours 30 min	Overview of Documentation and Demobilization Units
		2 hours	Course Expectations Review, Final and Certificates
	<b>Total Time</b>	24 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 964: All-Hazards Position Specific Situation Unit Leader

### Course Description

This course addresses all responsibilities appropriate to a Situation Unit Leader operating in a local or state level AHIMT. These responsibilities fall into two categories, Situation Unit Leader duties: 1) processing information and intelligence and 2) developing displays. The course is an all-hazard, instructor led training that supports learning through discussion, lecture, and active participation in multiple exercises.

### Performance Objectives

- Describe the organization and functions of the Planning Section
- Describe the function of the Situation Unit and the roles and responsibilities of the Situation Unit Leader
- Understand the supervision and personnel management responsibilities of the Division/Group Supervisor
- Describe the information gathering dissemination responsibilities of the Division Group Supervisor
- Describe the risk management and safety responsibilities of the Division Group Supervisor

<b>Max Students/Course</b>	30
<b>Duration</b>	5 days (40 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> <li>▪ G 191 – ICS/EOC Interface Workshop (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Elite Command Training, Integrated Solutions Consulting, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ One main classroom approximately 30 x 40 feet in dimension</li> <li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>▪ One extra table, two chairs for instructor use in the back of the room</li> <li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>▪ One Projector</li> <li>▪ Audio/visual support capability (projection screen and white board)</li> <li>▪ One computer dedicated to PowerPoint® projection</li> <li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Position Specific Presentation</li> <li>▪ Applicable take-away materials and resources</li> <li>▪ Classroom supplies</li> <li>▪ All Student Manuals, handouts, ICS Forms, wall charts/displays</li> <li>▪ FEMA Registration Form</li> <li>▪ FEMA Evaluations</li> <li>▪ Final Exam</li> <li>▪ Course Certificate presented at the conclusion of the course</li> </ul>

<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>▪ ICS Forms</li> <li>▪ Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	2 hours	Course Introduction
	Unit 2	1 hour, 45 min	Overview of the Planning and the Incident Action Planning Process
	Unit 3	2 hours	Overview of the Situation Unit Expectations Review
	<b>DAY 2</b>		
	Unit 4	4 hours	Information
	Unit 5	3 hours	Display Processing Expectations Review
	<b>DAY 3</b>		
	Unit 5	5 hours	Display Processing (Continued)
	Unit 6	1 hour	Advanced Display Processing Expectations Review
	<b>DAY 4</b>		
	Unit 6	2 hours	Advanced Display Processing (Continued)
	Unit 7	3 hours	Staffing and Organizing
	Unit 8	1 hour	Incident Situation Status Reports Expectations Review
	<b>DAY 5</b>		
	Unit 8	1 hour	Incident Situation Status Reports (Continued)
	Unit 9	4 hours	Planning Meetings and Briefings
		2 hours	Course Expectations Review, Final and Certificates
	<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 965: All-Hazards Resources and Demobilization Unit Leaders

### Course Description

This course provides an overview of Unit Leader responsibilities, the Planning Section, and the planning process to contextualize the Resources Unit for participants unfamiliar with the planning process or the Incident Command System. It then explores specific Resources Unit Leader functions and responsibilities including resource tracking systems, operational planning, and resource products/outputs. The Status/Check-in and Demobilization functions are covered to provide participants with the knowledge to perform those duties if necessary. Exercises/simulations, discussions, and a final exam enable participants to process and apply their new knowledge.

### Performance Objectives

- Identify the course objective and position-specific resource materials for the positions of Resources and Demobilization Unit Leader
- Explain the organization and functions of the Planning Section
- Explain the purpose of the Resources Unit and the Demobilization Unit
- Create an ICS Form 211 Incident Check-in List
- Create an ICS Form 219 Resource Status Card
- Create the Resources Unit Leaders portion of the ICS Form 215 Operational Planning Worksheet
- Create the required forms, documents, and components to support the incident
- Create the required forms and documents to facilitate resource demobilization

<b>Max Students/Course</b>	30
<b>Duration</b>	4 days (24 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"><li>▪ IS 100.b – Introduction to ICS, ICS-100</li><li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li><li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li><li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li><li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li><li>▪ IS 800.b – National Response Framework, An Introduction</li><li>▪ G 191 – ICS/EOC Interface Workshop (Recommended)</li><li>▪ O-305 – Type 3 AHIMT Training course (Recommended)</li><li>▪ O-337 – Command &amp; General Staff Functions for Local Incident Management Team (Recommended)</li></ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Elite Command Training, Wiland Associates

Customer/Government- Provided Equipment	<ul style="list-style-type: none"><li>▪ One main classroom approximately 30 x 40 feet in dimension</li><li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li><li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li><li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP’s, or management</li><li>▪ One extra table, two chairs for instructor use in the back of the room</li><li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li><li>▪ One Projector</li><li>▪ Audio/visual support capability (projection screen and white board)</li><li>▪ One computer dedicated to PowerPoint® projection</li><li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Position Specific Presentation</li><li>▪ Applicable take-away materials and resources</li><li>▪ Classroom supplies</li><li>▪ All Student Manuals, handouts, ICS Forms, wall charts/displays</li><li>▪ FEMA Registration Form</li><li>▪ FEMA Evaluations</li><li>▪ Final Exam</li><li>▪ Course Certificate presented at the conclusion of the course</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li><li>▪ ICS Forms</li><li>▪ Daily Sign-In Sheets</li></ul>		
Schedule of Events	DAY 1		
(Estimate)	Unit 1	2 hours	Course Introduction
	Unit 2	1 hour, 30 min	Overview of the Planning Section and the Operational Period Planning Cycle
	Unit 3	2 hours, 30 min	Common Responsibilities and Overview of the Resources Unit
			Expectations Review
	DAY 2		
	Unit 4	2 hours, 15 min	Overview of the Check-in Function
	Unit 5	3 hours	Tracking Resource Status
	Unit 6	1 hour	Incident Action Planning
			Expectations Review
	DAY 3		
Unit 6	3 hours	Incident Action Planning (Continued)	
Unit 7	3 hours, 30 min	Resources Unit Products/Outputs	
		Expectations Review	
DAY 4			
Unit 8	2 hours, 30 min	Demobilization and the Demobilization Unit	
	2 hours, 15 min	Course Evaluations, Expectations, Final Exam, and Certificates	
	Total Time	24 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 967: All-Hazards Position Specific Logistics Section Chief

### Course Description

This course provides local- and state-level emergency responders with a robust understanding of the duties, responsibilities, and capabilities of an effective Logistics Section Chief on an All-Hazards Incident Management Team (AHIMT). These responsibilities fall into two categories: responding to the incident and effectively fulfilling the position responsibilities of a Logistics Section Chief on an AHIMT. Exercises, simulations, discussions, and a final exam enable participants to process and apply their new knowledge.

### Performance Objectives

- Demonstrate the responsibilities of the Logistics Section Chief in relationship to the responsibilities of Unit Leaders with the Section
- Demonstrate how the responsibilities of the Facilities Unit Leader support the overall goals of the Unit
- Demonstrate how the responsibilities of the Ground Support Unit Leader support the overall goals of the Unit
- Demonstrate how the responsibilities of the Supply Unit Leader support the overall goals of the Unit

<b>Max Students/Course</b>	30
<b>Duration</b>	5 days (40 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> <li>▪ G 191 – ICS/EOC Interface Workshop (Recommended)</li> <li>▪ O-305 – Type 3 AHIMT Training course (Recommended)</li> <li>▪ O-337 – Command &amp; General Staff Functions for Local Incident Management Team (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Elite Command Training, Integrated Solutions Consulting, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ One main classroom approximately 30 x 40 feet in dimension</li> <li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>▪ One extra table, two chairs for instructor use in the back of the room</li> <li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>▪ One Projector</li> <li>▪ Audio/visual support capability (projection screen and white board)</li> <li>▪ One computer dedicated to PowerPoint® projection</li> <li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Position Specific Presentation</li> <li>▪ Applicable take-away materials and resources</li> <li>▪ Classroom supplies</li> <li>▪ All Student Manuals, handouts, ICS Forms, wall charts/displays</li> <li>▪ FEMA Registration Form</li> </ul>

	<ul style="list-style-type: none"> <li>FEMA Evaluations</li> <li>Final Exam</li> <li>Course Certificate presented at the conclusion of the course</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>ICS Forms</li> <li>Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	2 hours	Course Introduction
	Unit 2	2 hours	Overview of the Logistics Section Chief Position
	Unit 3	2 hours	Overview of Facilities Unit
			Expectations Review
	<b>DAY 2</b>		
	Unit 3	1 hour, 30 min	Continued - Overview of Facilities Unit
	Unit 4	2 hours, 15 min	Overview of Ground Support Unit
	Unit 5	2 hours, 30 min	Overview of Supply Unit
			Expectations Review
	<b>DAY 3</b>		
	Unit 6	2 hours	Overview of Food Unit
	Unit 7	2 hours	Overview of Medical Unit
	Unit 8	2 hours	Overview of Communications Unit
			Expectations Review
	<b>DAY 4</b>		
		30 min	Unit Leader Quiz
		15 min	Debrief and Quiz Correction
	Unit 9	3 hours	Assume Logistics Section Chief Responsibilities
	Unit 10	2 hours, 15 min	Planning and Activating the Section
			Expectations Review
	<b>DAY 5</b>		
	Unit 10	30 min	Continued - Planning and Activating the Section
	Unit 11	2 hours, 45 min	Coordination with Command and General Staff
	Unit 12	2 hours	Managing Personnel and Demobilizing
		15 min	Expectations Review
		1 hour	Course Final
		30 min	Review of Course Final and Certifications
	<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 969: All-Hazards Communications Unit Leader

### Course Description

This course helps participants establish the essential core competencies required for performing the duties of the Communications Unit Leader (COML) in an all-hazards incident. This course addresses all responsibilities appropriate to a COML operating in a local- or state-level All-Hazards Incident Management Team (AHIMT). These responsibilities include the collection, processing, and dissemination as needed to facilitate Operations of Command, General Staff, and Unit Leaders within the confines of a Type 3 AHIMT. The course is an instructor-led training that supports learning through discussion, lecture, and active participation in multiple exercises.

### Performance Objectives

- Describe the function and components of the Logistics Section and the Communications Unit
- Describe the actions and considerations necessary to mobilize for an incident and gain situational awareness
- Design and effective communications system
- Create and publish a properly constructed Incident Radio Communications Plan (ICS 205)
- Install and maintain a communications network
- Manage all incident communications needs, personnel, and the Incident Communications Center

<b>Max Students/Course</b>	30
<b>Duration</b>	3 days (24 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> <li>▪ O-305 – Type 3 AHIMT Training course (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Elite Command Training, Integrated Solutions Consulting
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ One main classroom approximately 30 x 40 feet in dimension</li> <li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>▪ One extra table, two chairs for instructor use in the back of the room</li> <li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>▪ One Projector</li> <li>▪ Audio/visual support capability (projection screen and white board)</li> <li>▪ One computer dedicated to PowerPoint® projection</li> <li>▪ Speakers of sufficient size to permit students in main classroom to hear videos</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Position Specific Presentation</li> <li>▪ Applicable take-away materials and resources</li> <li>▪ Classroom supplies</li> <li>▪ All Student Manuals, handouts, ICS Forms, wall charts/displays</li> <li>▪ FEMA Registration Form</li> <li>▪ FEMA Evaluations</li> <li>▪ Final Exam</li> </ul>



	<ul style="list-style-type: none"> <li>Course Certificate presented at the conclusion of the course</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>ICS Forms</li> <li>Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	1 hour, 30 min	Course Introduction
	Unit 2	1 hour, 30 min	ICS Review
	Unit 3	1 hour, 30 min	The Communications Unit
	Unit 4	3 hours	Interoperable Communications
	Unit 5	30 min	Frequency Regulation and Usage
	<b>DAY 2</b>		
	Unit 5	3 hours	Frequency Regulation and Usage
	Unit 6	3 hours	Incident Communication Systems
	Unit 7	2 hours	Develop and Disseminate the ICS Form 205
	<b>DAY 3</b>		
	Unit 8	2 hours	Incident Communications Center
	Unit 9	1 hour, 30 min	Personnel Management
	Unit 10	1 hour	Demobilization and PTB
	Unit 11	3 hours	Final Course Review and Exam
	<b>Total Time</b>	24 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 970: All-Hazards Supply Unit Leader

### Course Description

The purpose of this professional development course, E-970 Supply Unit Leader (SPUL), is to provide local and State-level emergency responders with an overview of key duties and responsibilities of a Supply Unit Leader Type III in a Type III All Hazards Incident Management Team (AHIMT).

### Performance Objectives

- Demonstrate, through exercises and a final exam, an understanding of the duties, responsibilities, and capabilities of an effective SPUL on an AHIMT
- Identify course objectives and position-specific resource materials
- Describe the function and components of the Logistics Section and the Supply Unit
- Describe the actions and considerations necessary to mobilize the unit and gain situational awareness
- Describe the ordering process in its entirety
- Describe the information required when an order originates to be able to process that order
- Complete and submit an ICS Form 259 - Resource Order
- Receive, reconcile, and distribute supplies and equipment
- Maintain an appropriate inventory level of supplies
- Manage the Supply Unit's resources; and
- Manage the demobilization of incident and Unit resources

<b>Max Students/Course</b>	30
<b>Duration</b>	4 days (32 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400 (Recommended)</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> <li>▪ G 191 – ICS/EOC Interface Workshop (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Elite Command Training, Integrated Solutions Consulting, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ One main classroom approximately 30 x 40 feet in dimension</li> <li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>▪ One extra table, two chairs for instructor use in the back of the room</li> <li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>▪ One Projector</li> <li>▪ Audio/visual support capability (projection screen and white board)</li> <li>▪ One computer dedicated to PowerPoint® projection</li> <li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> </ul>

<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Position Specific Presentation</li> <li>Applicable take-away materials and resources</li> <li>Classroom supplies</li> <li>All Student Manuals, handouts, ICS Forms, wall charts/displays</li> <li>FEMA Registration Form</li> <li>FEMA Evaluations</li> <li>Final Exam</li> <li>Course Certificate presented at the conclusion of the course</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>ICS Forms</li> <li>Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	2 hours	Course Introduction
	Unit 2	3 hours	Logistics Section and the Supply Unit Overview
	Unit 3	3 hours	Incident Mobilization and Initial Situational Awareness
			Expectations Review
	<b>DAY 2</b>		
	Unit 3	1 hour	Continued – Incident Mobilization and Initial Situational Awareness
	Unit 4	30 min	Overview of the Ordering Process
	Unit 5	2 hours, 30 min	Order Origination
	Unit 6	3 hours, 30 min	Order Submission
			Expectations Review
	<b>DAY 3</b>		
	Unit 7	3 hours, 30 min	Receive and Distribute items
	Unit 8	2 hours	Maintain Inventory
	Unit 9	2 hours, 30 min	Setting up and Managing the Supply Unit
		10 min	Expectations Review
	<b>DAY 4</b>		
	Unit 10	4 hours	Demobilization
		3 hours	Final Exercise
		1 hour	Course Final and Certificates
	<b>Total Time</b>	32 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 971: All-Hazards Facilities Unit Leader

### Course Description

This course addresses all responsibilities appropriate to a Facilities Unit Leader operating on a local or state level AHIMT. The course is an all-hazards, instructor led training that supports learning through discussion, lecture, and active participation in multiple exercises.

### Performance Objectives

- Describe the function and components of the Logistics Section and the Facilities Unit
- Describe the information gathered and preparation needed during the pre-incident, dispatch/mobilization, and arrival phases
- Provide and maintain required facilities-related incident services
- Design and establish the layout of incident facilities
- Demonstrate the implementation and maintenance responsibilities of the Facilities Unit Leader throughout the incident

<b>Max Students/Course</b>	30
<b>Duration</b>	5 days (40 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400 (Recommended)</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> <li>▪ G 191 – ICS/EOC Interface Workshop (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Elite Command Training, Integrated Solutions Consulting, Mozaik Solutions, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ One main classroom approximately 30 x 40 feet in dimension</li> <li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>▪ One extra table, two chairs for instructor use in the back of the room</li> <li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>▪ One Projector</li> <li>▪ Audio/visual support capability (projection screen and white board)</li> <li>▪ One computer dedicated to PowerPoint® projection</li> <li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> </ul>

<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Position Specific Presentation</li> <li>Applicable take-away materials and resources</li> <li>Classroom supplies</li> <li>All Student Manuals, handouts, ICS Forms, wall charts/displays</li> <li>FEMA Registration Form</li> <li>FEMA Evaluations</li> <li>Final Exam</li> <li>Course Certificate presented at the conclusion of the course</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>ICS Forms</li> <li>Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b> <i>(Estimate)</i>	<b>DAY 1</b>		
	Unit 1	2 hours, 30 min	Course Introduction
	Unit 2	1 hour, 30 min	Overview of the Logistics Section and the Facilities Unit
	Unit 3	1 hour	Incident Mobilization and Initial Situation Awareness
			Expectations Review
	<b>DAY 2</b>		
	Unit 3	1 hour, 30 min	Incident Mobilization and Initial Situation Awareness
	Unit 4	2 hours, 30 min	Facilities Services
	Unit 5	2 hours	Facilities Infrastructure
			Expectations Review
	<b>DAY 3</b>		
	Unit 6	3 hours, 50 min.	Facilities Layout
	Unit 7	3 hours, 15 min	Implementation and Maintenance
	<b>DAY 4</b>		
	Unit 7	2 hours, 15 min	Implementation and Maintenance
	Unit 8	2 hours, 30 min	Security
	Unit 9	1 hour	Unit Management
	Unit 10	1 hour, 30 min	Demobilization
	<b>DAY 5</b>		
		4 hours	Final Exercise
		1 hour	Debrief
		30 min	Course Expectations Review
		1 hour	Final Exam/Review
		30 min	Certificates
	<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 973: All-Hazards Finance/Administration Section Chief

### Course Description

This course provides local- and state-level emergency responders with a robust understanding of the duties, responsibilities, and capabilities of an effective Finance/Administration Section Chief on an All-Hazards Incident Management Team (AHIMT). These responsibilities include managing the Finance/ Administration Section personnel and managing the finances and administrative responsibilities during an incident. Exercises, simulations, discussions, and a final exam enable participants to process and apply their new knowledge.

### Performance Objectives

- Demonstrate, through exercises and a final exam, an understanding of the duties, responsibilities, and capabilities of an effective Finance/Administration Section Chief on an AHIMT
- Identify course objectives and position-specific resource materials
- Describe how to gather, organize, and communicate information necessary to perform as a Finance/Administration Section Chief
- Describe the roles and responsibilities of a Finance/Administration Section Chief as they apply to planning, supervision, and coordination
- Identify key strategies for interacting with members of the IMT and personnel outside of the IMT
- Describe the information gathered from the initial meetings, briefings, and documents

<b>Max Students/Course</b>	30
<b>Duration</b>	3 days (18 hours) <i>Virtual course pending, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> <li>▪ O-305 – Type 3 AHIMT Training course (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Elite Command Training, Mozaik Solutions, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ One main classroom approximately 30 x 40 feet in dimension</li> <li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>▪ One extra table, two chairs for instructor use in the back of the room</li> <li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>▪ One Projector</li> <li>▪ Audio/visual support capability (projection screen and white board)</li> <li>▪ One computer dedicated to PowerPoint® projection</li> <li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Position Specific Presentation</li> <li>▪ Applicable take-away materials and resources</li> <li>▪ Classroom supplies</li> <li>▪ All Student Manuals, handouts, ICS Forms, wall charts/displays</li> </ul>

	<ul style="list-style-type: none"> <li>▪ FEMA Registration Form</li> <li>▪ FEMA Evaluations</li> <li>▪ Final Exam</li> <li>▪ Course Certificate presented at the conclusion of the course</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>▪ ICS Forms</li> <li>▪ Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	2 hours	Course Introduction
	Unit 2	3 hours	Information Gathering and Sharing
			Expectations Review
	<b>DAY 2</b>		
	Unit 3	2 hours	Course Introduction
	Unit 4	30 min	Interaction and Coordination
			Expectations Review
	<b>DAY 3</b>		
	Unit 4	3 hours	Continued - Interactions and Coordination
	Unit 5	2 hours	Demobilization and Closeout
		1 hour	Course Final and Certificates
	<b>Total Time</b>	18 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 975: All-Hazards Finance/Administration Unit Leader

### Course Description

This course addresses all roles and responsibilities appropriate to operating in one of the Finance Administration Unit Leader positions on local or state-level AHIMT or single resource assignment. These responsibilities fall into two categories: 1) responding to the incident and command needs of the incident, and 2) effectively fulfilling the position responsibilities of a Finance Administration Unit Leader on an AHIMT or as a single resource.

### Performance Objectives

- Describe the purpose and functions of the Finance/Administration Section and establish an appropriate Finance/Administration Unit.
- Use appropriate information and clear communication to interact and coordinate with incident personnel
- Assume the role of the Time Unit Leader (TIME) for an all hazard incident
- Assume the role of the Procurement Unit Leader (PROC) for all-hazards incident
- Assume the role of the Compensation/Claims Unit Leader (COMP) for an all hazards incident
- Assume the role of the Cost Unit Leader (COST) for all hazard incidents

<b>Max Students/Course</b>	30
<b>Duration</b>	3 days (18 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> <li>▪ O-305 – Type 3 AHIMT Training course (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Elite Command Training, Integrated Solutions Consulting, Mozaik Solutions, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ One main classroom approximately 30 x 40 feet in dimension</li> <li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>▪ One extra table, two chairs for instructor use in the back of the room</li> <li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>▪ One Projector</li> <li>▪ Audio/visual support capability (projection screen and white board)</li> <li>▪ One computer dedicated to PowerPoint® projection</li> <li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Position Specific Presentation</li> <li>▪ Applicable take-away materials and resources</li> <li>▪ Classroom supplies</li> <li>▪ All Student Manuals, handouts, ICS Forms, wall charts/displays</li> <li>▪ FEMA Registration Form</li> <li>▪ FEMA Evaluations</li> <li>▪ Final Exam</li> <li>▪ Course Certificate presented at the conclusion of the course</li> </ul>



<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>▪ ICS Forms</li> <li>▪ Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	1 hour, 30 min 30 min 30 min	Course Introduction Exercise 1 Pre-test
	Unit 2	1 hour 1 hour, 10 min	Overview of the Finance/Administration Services Exercise 2
	Unit 3	45 min 25 min	Interaction and Coordination Exercise 3
	<b>DAY 2</b>		
	Unit 4	1 hour, 40 min 35 min	Time Unit Leader Responsibilities Exercise 4
	Unit 5	1 hour, 45 min 1 hour End of Day	Procurement Unit Leader Responsibilities Exercise 5 Expectations Review
	<b>DAY 3</b>		
	Unit 6	1 hour, 45 min 30 min	Compensation/Claims Unit Leader Responsibilities Exercise 6
	Unit 7	1 hour, 30 min 1 hour	Cost Unit Leader Responsibilities Exercise
	Unit 8	1 hour 30 min	Unit Management Exercise Course Expectations Review Course Final/Review Certificates
	<b>Total Time</b>	18 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 984: Task Force/Strike Team Leader

### Course Description

The goal of this professional development course, E/L 984 Task Force/Strike (Resource) Team Leader, is to provide training designed to support all-hazards competencies and behaviors within a Type III Incident Management Team (IMT). Selection Criteria: The intended audience(s) are local- or State-level emergency responders who may be designated as Task Force/Strike (Resource) Team Leaders on their local or state Incident Management Team (IMT). The materials were developed with the assumption that audience members may have little or no actual experience as a member of an AHIMT. The audience may include students from a variety of agencies and functional disciplines, including fire service, law enforcement, emergency management, public works departments, as well as public health organizations, medical emergency teams, and hospitals. National Incident Management System (NIMS) Incident Command System (ICS) specific training should be completed by personnel who are regularly assigned to function, support, or unit leader positions on USFA or other Type III or IV AHIMT or by those persons who desire to seek credentials/certification in those positions.

### Performance Objectives

- Identify course objectives and position-specific resource materials for Task Force/Strike (Resource) Team Leader
- Describe the function and components of the Incident Management Organization/Team and the Operations Section
- Describe the responsibilities of the Task Force/Strike (Resource) Team Leader at the pre-response, response, operational, demobilization, and post-incident phases of an incident
- Describe the information gathering and dissemination responsibilities of the Task Force/Strike (Resource) Team Leader
- Describe the leadership and personnel supervision responsibilities of the Task Force/Strike (Resource) Team Leader
- Describe the risk management and safety responsibilities of the Task Force/Strike (Resource) Team Leader
- Describe the tasks a Task Force/Strike Team Force Leader is required to complete during an Operational period for an incident

<b>Max Students/Course</b>	30
<b>Duration</b>	3 days (20 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"><li>▪ IS 100.b – Introduction to ICS, ICS-100</li><li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li><li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li><li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li><li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li><li>▪ IS 800.b – National Response Framework, An Introduction</li><li>▪ O-305 – Type 3 AHIMT Training course (Recommended)</li></ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Elite Command Training, Integrated Solutions Consulting, Wiland Associates

Customer/Government- Provided Equipment	<ul style="list-style-type: none"><li>▪ One main classroom approximately 30 x 40 feet in dimension</li><li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li><li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li><li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP’s, or management</li><li>▪ One extra table, two chairs for instructor use in the back of the room</li><li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li><li>▪ One Projector</li><li>▪ Audio/visual support capability (projection screen and white board)</li><li>▪ One computer dedicated to PowerPoint® projection</li><li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Position Specific Presentation</li><li>▪ Applicable take-away materials and resources</li><li>▪ Classroom supplies</li><li>▪ All Student Manuals, handouts, ICS Forms, wall charts/displays</li><li>▪ FEMA Registration Form</li><li>▪ FEMA Evaluations</li><li>▪ Final Exam</li><li>▪ Course Certificate presented at the conclusion of the course</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li><li>▪ ICS Forms</li><li>▪ Daily Sign-In Sheets</li></ul>		
Schedule of Events	DAY 1		
(Estimate)	Unit 1	2 hours, 30 min	Course Introduction
	Unit 2	1 hour, 30 min	Overview of the ICS Organization and the Operations Section
	Unit 3	2 hours	Roles and Responsibilities of the Strike Team/Task Force Leader
			Expectations Review
	DAY 2		
	Unit 3	1 hour, 30 min	Continued - Overview of the ICS Organization and the Operations Section
	Unit 4	5 hours, 30 min	Information Flow and Dissemination
			Expectations Review
	DAY 3		
Unit 5	2 hours, 30 min	Leadership, Management and Supervision	
Unit 6	2 hours	Risk Management and Safety	
Unit 7	1 hour	Final Review and Wrap-up	
		Final Exam	
	Total Time	20 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 986: Air Support Group Supervisor

### Course Description

The Air Support Group Supervisor (ASGS) course is intended to provide local- and state-level emergency responders with an overview of key duties and responsibilities of an ASGS in a Type 3 All-Hazards Incident Management Team (AHIMT). Selection Criteria: NIMS ICS All-Hazards training should be completed by personnel who are regularly assigned to Functional, Support, or Unit Leader positions on Type 3 or 4 AHIMTs, or by those persons who desire to seek credentials/certification in those positions.

### Performance Objectives

- Describe basic air operations concepts, including policies, aircraft, risk management, and safety
- Define the ASGS role as it relates to fixed wing, rotor, wing, and military operations
- Demonstrate a mastery of the concepts presented in the course by passing a final examination

<b>Max Students/Course</b>	30
<b>Duration</b>	3 days (24 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>IS 100.b – Introduction to ICS, ICS-100</li> <li>IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li> <li>IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>IS 800.b – National Response Framework, An Introduction</li> <li>O-305 – Type 3 AHIMT Training course (Recommended)</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Elite Command Training
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>One main classroom approximately 30 x 40 feet in dimension</li> <li>Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>One extra table, two chairs for instructor use in the back of the room</li> <li>One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>One Projector</li> <li>Audio/visual support capability (projection screen and white board)</li> <li>One computer dedicated to PowerPoint® projection</li> <li>Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Position Specific Presentation</li> <li>Applicable take-away materials and resources</li> <li>Classroom supplies</li> <li>All Student Manuals, handouts, ICS Forms, wall charts/displays</li> <li>FEMA Registration Form</li> <li>FEMA Evaluations</li> <li>Final Exam</li> <li>Course Certificate presented at the conclusion of the course</li> </ul>

<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>▪ ICS Forms</li> <li>▪ Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>Total Time</b>	24 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## E/L 987: Introduction to Air Operations

### Course Description

This course is intended to familiarize participants with the basic concepts of air operations as associated with deployment through the Air Operations Branch of an Incident Management Team (IMT) and/or through the NIMS/ICS system.

### Performance Objectives

- Identify and describe the types of aircraft involved in air operations at an incident
- Discuss the various components of air operations
- Describe the policies and regulations that govern air operations
- Describe the risk management and safety aspects of air operations
- Demonstrate the ability to use aviation sectional charts to determine a variety of air operations needs for different scenarios

<b>Max Students/Course</b>	30
<b>Duration</b>	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1 Lead/1 Support)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ E/L 400 – Advanced ICS, Command and General Staff – Complex Incidents ICS-400</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> <li>▪ O-305 – Type 3 AHIMT Training course (Recommended)</li> </ul>
<b>Certifications/Permits/ Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Elite Command Training
<b>Customer/Government- Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ One main classroom approximately 30 x 40 feet in dimension</li> <li>▪ Classroom arranged in pods/tables for 6-8 students per pod for expected number of students</li> <li>▪ One to two breakout areas/rooms. Each breakout area should be able to accommodate six to seven students and should be equipped with a table and appropriate number of chairs</li> <li>▪ The classroom should be sufficient size to accommodate any extra observers, invitees, VIP's, or management</li> <li>▪ One extra table, two chairs for instructor use in the back of the room</li> <li>▪ One easel chart pad and one easel with appropriate markers per group/pod of tables</li> <li>▪ One Projector</li> <li>▪ Audio/visual support capability (projection screen and white board)</li> <li>▪ One computer dedicated to PowerPoint® projection</li> <li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Position Specific Presentation</li> <li>▪ Applicable take-away materials and resources</li> <li>▪ Classroom supplies</li> <li>▪ All Student Manuals, handouts, ICS Forms, wall charts/displays</li> <li>▪ FEMA Registration Form</li> <li>▪ FEMA Evaluations</li> <li>▪ Final Exam</li> <li>▪ Course Certificate presented at the conclusion of the course</li> </ul>

<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All student manuals, handouts, wall charts, pens, pencils, highlighters, and notepads</li> <li>▪ ICS Forms</li> <li>▪ Daily Sign-In Sheets</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Effective Writing for Public Safety

### Course Description

This course provides a public safety-specific approach to learning how to efficiently utilize Microsoft WORD. Unlike a typical computer course, personnel learn through a series of guided “real-world” applications which identify and hone how public agencies utilize software to create written documents for internal and external agency use.

### Performance Objectives

Upon completion of this course attendees will communicate more effectively in the written form. Case studies are taken from current public safety and crises. Students work individually and in groups to improve their written products.

Max Students/Course	40			
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>			
No. Instructors	2 (1:30)			
Prerequisites	None			
Certifications/Permits/Licenses	Cal OES Approved			
Course Cost	Please contact SenseMakers LLC			
Course Vendor(s)	Police Technical			
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ Tables and chairs</li><li>▪ LCD Projector or flatscreen</li><li>▪ Lighting controls</li><li>▪ Podium</li><li>▪ Classroom seating</li></ul>			
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>			
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li><li>▪ Certificate of completion</li><li>▪ Access to post-class online materials</li></ul>			
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr></table>	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises
DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises		
(Estimate)		0800 – 1700 1200 – 1300		
		Classroom Lecture and Practical Exercises Lunch		
	DAY 2	0800 – 1700		
		0800 – 1700 1200 – 1300		
		Classroom Lecture and Practical Exercises Lunch		
	Total Time	16 hours (approx.)		

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## Elevated Tactics

### Course Description

The scope of this training program is to teach SWAT and SOP team members how to conduct operations with special use vehicles manufactured or adapted with ramps that can be elevated such as the one pictured above. The characteristics of these vehicles and their use are unique and require specific instruction in order maximize their effectiveness in real world missions involving high threat crime and terrorist incidents while not compromising the safety of the team members using the equipment. As always the goal is to use specialized tools to achieve the tactical flexibility needed to gain the upper hand, achieve the mission and return home safely and these vehicles offer such benefits when used properly.

### Performance Objectives

To enhance the tactical flexibility of tactical teams by providing a variety of capabilities above ground level. Elevated structures can present significant obstacles in tactical situations. Agencies need the ability to be able to respond and resolve complex tactical problems, rescue hostages from buildings, ship, and airplanes. Elevated ramps can also be used to evacuate people in the event of a natural disaster such as a hurricane, flood, or earthquake.

Training using the specialized equipment needs to be done routinely in the event the equipment is needed the operators are well versed in its use.

During this training program participants will learn:

- Drivers will learn specialized driving techniques needed when operating ramp vehicles, and gain significant knowledge of the limitations of the vehicle with and without operators on top
- Operators will learn how the driver will negotiate specific obstacles (objects in the vehicles way, going over curbs, etc.) operators will learn how to brace for such actions yet be ready to act with weapons if necessary
- Global Case Studies of real-world operations using the specific equipment both in the classroom and in the field

<b>Max Students/Course</b>	20
<b>Duration</b>	2 days (16 hours)
<b>No. Instructors</b>	2 (1:10)
<b>Prerequisites</b>	Must be an active member of a law enforcement agency
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Security Solutions International
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Patriot3 Ramp System – Any model or year</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Lectures</li> <li>▪ Presentations</li> <li>▪ Drills</li> <li>▪ Exercise</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Study materials</li> <li>▪ Drills</li> <li>▪ Exercise</li> </ul>
<b>Schedule of Events</b>	<b>DAY 1</b> <b>0800 – 1700</b> <b>Classroom Lecture and Practical Exercises</b>

*(Estimate)*

	0800 – 0900	Class Welcome
	0900 – 1030	Classroom overview of 2-day program
	1030 – 1200	Power point presentation, case studies, and safety brief
	1200 – 1300	Lunch
	1300 – 1430	In the field – Patriot3 Ramp System overview and Instructor demonstrations
	1430 – 1630	Students Practical Applications and test runs
	1630 – 1700	Summarization and question and answer period
<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0830	Rollcall / Accountability / Course Review / Equipment Handout / and safety check
	0830 – 1100	Scenario Overviews – practice dry –with all gear
	1100 – 1200	Lunch
	1200 – 1630	Scenario Overviews – switch teams and drivers – continued practice and approaches with full gear dry
	1630 – 1700	Closing Activities
<b>Total Time</b>	<b>16 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Emergency Management Concepts: All-Hazards

### Course Description

This course introduces participants to key emergency management principles that will enhance their abilities to work in Local, Operational Area, Regional, or State Emergency Operations Centers (EOCs). Course content includes essential EOC Section/Position training and a series of progressive tabletop and functional exercises.

### Performance Objectives

Upon completion of this course, participants will understand:

- Describe the changes in the American family and society and how these changes relate to the Public Information Officer (PIO)
- Analyze the impact of fear mongering on the acceptance of emergency communication messages
- Discuss current crisis communication methodologies and the relationship with emergency communication
- Describe the tools available for successful strategic communications planning
- Describe the practice, policy, and procedure related to the Joint Information Systems (JIS) and Joint Information Centers (JICs)
- Discuss current topics in external affairs during a panel discussion
- Demonstrate ability to work in a JIC

Participants will also have the opportunity to:

- Participate in 10 activities (discussion-based and operations-based exercises) in response to a realistic emergency/disaster scenarios
- Participate in a culminating Functional Exercise in response to a realistic emergency/disaster scenario

<b>Max Students/Course</b>	40		
<b>Duration</b>	4 days (32 hours)		
<b>No. Instructors</b>	5 (1:8)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES approved- CA-040-RESP		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 40 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and monitor/screen</li> <li>▪ AV capability</li> <li>▪ Whiteboard</li> <li>▪ Easels/easel pads</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Flash drive with PPT presentation</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<i>(Estimate)</i>		0800 – 0915	Introduction & Overview
		0915 – 0930	Break
		0930 – 1045	Emergency Management 101
		1045 – 1100	Break
		1100 – 1200	Management Section Overview
		1200 – 1300	Lunch
		1300 – 1345	Activity #1

	1345 – 1400	Break
	1430 – 1515	Operations Section Overview
	1515 – 1630	Activity #2
	1630 – 1645	Break
	1645 – 1700	Day 1 Conclusion
<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0845	Plans/Intel Section Overview
	0845 – 0915	Activity #3
	0915 – 1030	EOC Action Planning
	1030 – 1045	Break
	1045 – 1200	Activity #4
	1200 – 1300	Lunch
	1300 – 1345	Logistics Section Overview
	1345 – 1430	Activity #5
	1430 – 1445	Break
	1445 – 1530	Finance/Admin Section Overview
	1530 – 1615	Activity #6
	1615 – 1630	Break
	1600 – 1700	Day 2 Conclusion
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	Activity #7
	0900 – 0915	Break
	0915 – 1030	Public Information & Warning
	1030 – 1045	Break
	1045 – 1200	Activity #8
	1200 – 1300	Lunch
	1300 – 1330	SLDMR Overview (or jurisdiction overview)
	1330 – 1500	Activity #9
	1500 – 1515	Break
	1515 – 1630	Process Review/Prep for Exercise
	1630 – 1645	Break
	1645 – 1700	Day 3 Conclusion
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0845	Exercise Plan Overview
	0845 – 0900	Break
	0900 – 1330	Activity #10 (Functional Exercise)
	1330 – 1400	Break
	1400 – 1430	Hotwash
	1430 – 1700	Clean-up/Course Close
<b>Total Time</b>	32 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks) each day



## EMT Refresher/Recert

### Course Description

An in-depth three-day course that meets NREMT and State requirements for EMT refresher/Recert.

### Performance Objectives

Recertify existing and lapsed state and national EMT's.

<b>Max Students/Course</b>	30
<b>Duration</b>	3 days (24 hours)
<b>No. Instructors</b>	3 (1:10)
<b>Prerequisites</b>	NREMT or State EMT
<b>Certifications/Permits/Licenses</b>	Project Heartbeats LEMSA CE Provider # 01-0053
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	The Raytom Group
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Whiteboard</li> <li>A/V equipment</li> <li>All required EMT-B training equipment</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom space in alameda or Sacramento County to facilitate for up to 35 course attendees. All required EMT-B training equipment.</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Training reference materials</li> <li>NREMT and state skills verification</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## EOC Finance Section Training

### Course Description

This course is designed to familiarize participants with overall operations of the Finance Section within the Emergency Operations Centre (EOC). Information around roles/responsibilities, staffing, section set-up, equipment needs and avenues for provincial financial assistance are covered. The course will also provide participants with an opportunity to perform some relevant activities and processes.

### Performance Objectives

- Roles and Responsibilities
- Lines of Communication
- Staffing Considerations
- Section Set-up and Supplies
- Finance Section Activities
- Financial Assistance, Response Costs, Recovery Costs

Max Students/Course	30																											
Duration	1/2 day (5 hours)																											
No. Instructors	2 (1:15)																											
Prerequisites	None																											
Certifications/Permits/Licenses	DHS and Cal OES approved																											
Course Cost	Please contact SenseMakers LLC																											
Course Vendor(s)	Mozaik Solutions																											
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 30 students</li><li>▪ Tables and chairs</li><li>▪ Projector and screen</li><li>▪ Lapel microphone or hand-held microphone</li><li>▪ Connection cables (HDMI and VGA) for projection system</li><li>▪ Any requested snacks: water, coffee, snacks/meals</li></ul>																											
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li><li>▪ Thumb drive</li><li>▪ Slide advancer</li></ul>																											
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li></ul>																											
Schedule of Events	<table><tr><td>DAY 1</td><td>0830 – 1330</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>0830 – 0840</td><td>Agenda</td></tr><tr><td></td><td>0840 – 0900</td><td>Role of the EOC</td></tr><tr><td></td><td>0900 – 1000</td><td>Intro to SEMS</td></tr><tr><td></td><td>1000 – 1100</td><td>IMS Training Requirements</td></tr><tr><td></td><td>1100 – 1200</td><td>ICS Structure &amp; Functions</td></tr><tr><td></td><td>1200 – 1300</td><td>Finance/Admin Section Responsibilities</td></tr><tr><td></td><td>1300 – 1330</td><td>Group Activity</td></tr><tr><td>Total Time</td><td colspan="2">5 hours (approx.)</td></tr></table>	DAY 1	0830 – 1330	Classroom Lecture and Practical Exercises		0830 – 0840	Agenda		0840 – 0900	Role of the EOC		0900 – 1000	Intro to SEMS		1000 – 1100	IMS Training Requirements		1100 – 1200	ICS Structure & Functions		1200 – 1300	Finance/Admin Section Responsibilities		1300 – 1330	Group Activity	Total Time	5 hours (approx.)	
DAY 1	0830 – 1330	Classroom Lecture and Practical Exercises																										
	0830 – 0840	Agenda																										
	0840 – 0900	Role of the EOC																										
	0900 – 1000	Intro to SEMS																										
	1000 – 1100	IMS Training Requirements																										
	1100 – 1200	ICS Structure & Functions																										
	1200 – 1300	Finance/Admin Section Responsibilities																										
	1300 – 1330	Group Activity																										
Total Time	5 hours (approx.)																											

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## EOC Situational Awareness and Common Operating Picture

### Course Description

This course is designed to provide participants the skills and knowledge to evaluate their EOC's Situational Awareness and Common Operating Picture capabilities and gain skills and knowledge on how to improve their SA and COP Capabilities. This course meets and exceeds the FEMA E0143 course.

### Performance Objectives

- Utilize accepted criteria and tools to evaluate the effectiveness of your EOC's SA and COP system
- Explain the role of SA and COP in the Integrated Emergency Management System
- Apply the critical steps required for an SA and COP system to effectively improve critical decision-making
- Apply best practices to facilitate EOC SA and COP system improvement
- Explain the importance of the relationship between information and effective critical decision-making

<b>Max Students/Course</b>	30		
<b>Duration</b>	2 day (16 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	Recommended but not required: <ul style="list-style-type: none"> <li>▪ IS 100.b – Introduction to ICS, ICS-100</li> <li>▪ IS 200.b – ICS for Single Resources and Initial Action Incidents, ICS-200</li> <li>▪ IS 700.a – National Incident Management System (NIMS), An Introduction</li> <li>▪ IS 800.b – National Response Framework, An Introduction</li> </ul>		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introductions
		0830 – 0945	SA and COP Function
		0945 – 1000	Break
		1000 – 1200	SA, COP, & Critical Decision Making
		1200 – 1300	Lunch
		1300 – 1445	Management & Decision Making
		1445 – 1500	Break
		1500 – 1700	How to Build an SA/COP SOP
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1000	SOP Development Activity
		1000 – 1100	SA/COP Tabletop Exercise
		1100 – 1115	Break
		1115 – 1200	SA/COP Tabletop Exercise



1200 – 1300	Lunch
1300 – 1545	SA/COP Function Ex & Action Plan
1545 – 1600	Break
1600 – 1700	Course Summary
<b>Total Time</b>	16 hours (approx.)

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## EOD – 3D Design & Additive Manufacturing

### Course Description

The 3D Design/Additive Manufacturing course is the first in a series of ongoing courses divided up into training segments to allow practical application of the concepts between each section. It also provides for the ongoing training as new technology presents to keep the bomb squad up to date and get the most out of their in-house Additive Manufacturing.

### Performance Objectives

- Understand how to download, open and use Fusion 360 to draw 3D tools
- Have a working knowledge of how to draw simple and complex shapes and the design considerations for 3D printing
- Understand EOD's range of consumable EOD tools that can be designed
- Understand how to download files to be printed on the squad's printer and what to look for in a printed design to minimize potential issues with printing
- Have a working knowledge of how to set up and maintain the squad's 3D printer provided in this course
- Have a working knowledge of how to "place" the items on the print bed so they use the least amount of supports when printing
- Understand the tolerances and shrinkage when using different filaments
- Understand the best practices to use when printing items on the squads 3D printer

<b>Max Students/Course</b>	24		
<b>Duration</b>	5 days (40 hours)		
<b>No. Instructors</b>	3 (1:7)		
<b>Prerequisites</b>	HDS or Nav School EOD		
<b>Certifications/Permits/Licenses</b>			
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	WMDTech		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 24 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector</li> <li>▪ Screen</li> <li>▪ Power to each workstation for computers</li> <li>▪ Access to the internet for use of cloud-based program</li> <li>▪ Live Fire range that is capable of shooting ½ pound high explosive shots</li> <li>▪ Wifi access to run cloud-based Fusion 360</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Computer capable of downloading Fusion 360</li> <li>▪ Raised3D FDM Additive Manufacturing (3D Printer) for use during the course</li> <li>▪ Training laptops (not left behind)</li> <li>▪ 3D Printed examples kit</li> <li>▪ Ready slice EOD related fusion 360 CAD files for Parts &amp; Tools that have already been designed</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Handouts</li> <li>▪ Course Certificates</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Introduction
		0900 – 1000	What is Additive Manufacturing
		1000 - 1200	Fusion 360 Software
		1200 – 1300	Lunch
		1300 – 1700	Fundamentals of Drawing in Fusion 360

<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Drawing Exercises in Fusion 360
	1200 – 1300	Lunch
	1300 – 1700	Modifying Drawings using the timeline in Fusion 360
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture, Practical Exercises</b>
	0800 – 1000	Design Considerations for 3D printed Items
	1000 – 1200	Practical Lab for Drawing in Fusion 360
	1200 – 1300	Lunch
	1300 – 1700	Practical Lab for Drawing in Fusion 360
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Participant Project Design Lab
	1200 – 1300	Lunch
	1300 – 1600	File Download Practical Lab
	1600 – 1700	Additive Manufacturing of Consumable Explosive Tools
<b>DAY 5</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Practical Exercise Using Printed Explosive Tools
	1200 – 1300	Lunch
	1300 – 1600	Practical Exercise Using Printed Explosive Tools
	1600 – 1700	Review & Certificate Presentation
<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## EOD – Frist Responder Hand Entry & Manual Disablement

### Course Description

The EOD Hand Entry and Manual Disablement course is a 5-day course meant to teach student the fundamentals of manually entering an Improvised Explosive Device or gain access to a device with the intent of rendering it safe via manual neutralization techniques. The course will contain lessons on Manual Entry tools and techniques, safety considerations, how to bypass monitored circuitry, countermeasures for impedances to entry, maintaining the environment of a device, X-Ray analysis, manual entry considerations for CBRNE devices, and how to safely disable detonators in complex devices.

### Performance Objectives

- Understand how to Properly use X-Ray and XTK to assist in Hand Entry
- Understand in the complex workings of the Fluke 87 multi meter
- Have a safe working knowledge of how to secure a package
- Understand EOD Electronic theory to include the Difference in conductors, Ohms Law, Circuit Mathematics (resistors and batteries in series and parallel)
- Have a working knowledge of the common types of batteries used in IED's by criminal and terrorist bomb makers throughout the world
- Have a working knowledge of how to do wire and detonator diagnostics in an IED
- Have a working knowledge of how to take an X-Ray of a human being
- The Bomb Technician will learn how to access and disable an IED in a Cat "A" Life Threatening Situation

<b>Max Students/Course</b>	24
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	3 (1:7)
<b>Prerequisites</b>	HDS or Nav School EOD
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	WMDTech
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 24 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector</li> <li>▪ Screen</li> <li>▪ Power to each workstation for Soldering Stations</li> <li>▪ Practical Exercise Location(s) <ul style="list-style-type: none"> <li>○ Critical Infrastructure Type Location</li> <li>○ Hostage Type Location</li> </ul> </li> <li>▪ Fluke 87 multi meter with probes per person <ul style="list-style-type: none"> <li>○ (WMDTech can provide 10 Training Flukes for use in the course)</li> </ul> </li> <li>▪ Fresh 9-volt battery per Fluke Meter</li> <li>▪ WASPP or Easy Hook set (6 minimum)</li> <li>▪ Access Tools that your squad uses</li> <li>▪ X-Ray source per team</li> <li>▪ X-Ray processor and film plates</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Training Fluke 87 Meters (not left behind)</li> <li>▪ Wire Attack Boxes and associated cables (not left behind)</li> <li>▪ Detonator Diagnostic Training Boxes</li> <li>▪ Hand Entry Kit per student (Given to each student)</li> <li>▪ Hostage Training Aid Devices</li> <li>▪ Critical Infrastructure Training Aid Devices</li> <li>▪ Complex combo Training Aid Devices</li> </ul>

<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Handouts</li> <li>▪ Course Certificates</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Introduction
		0900 – 1200	XTK review and 3D Modeling
		1200 – 1300	Lunch
		1300 – 1400	Hand Entry Tools
		1400 – 1500	Fluke 87 Review Top To bottom
		1500 – 1700	Securing and Accessing a Device Using Hand Entry Tools Block Training
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1000	Switch Diagnostics
		1000 – 1100	Device Sensors
		1100 – 1200	Sensor Counter Measures Block Training
		1200 – 1300	Lunch
		1300 – 1400	Detonator & Wire Diagnostics
		1400 – 1700	Detonator Diagnostics Block Training
	<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture, Practical Exercises</b>
		0800 – 0900	Dealing with a Hostage
		0900 – 1000	X-Raying IED attached to the Human Body
		1000 – 1200	Hostage Devices
		1200 – 1300	Lunch
		1300 – 1400	Hostage Devices
		1400 – 1700	Hostage Device Block Training
	<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Complex Devices (Multi Triggers, Anti-Tamper, Multiple Detonators)
		1200 – 1300	Lunch
		1300 – 1700	Complex Device Practical Block Training
	<b>DAY 5</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Hand Entry Scenarios
		1200 – 1300	Lunch
		1300 – 1600	Hand Entry Scenarios
		1600 – 1700	Review & Certificate Presentation
	<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## EOD – First Responder X-Ray

### Course Description

Bomb Technicians all have a basic understanding of how to take and process an X-Ray. In this course we will explore all of the options (Basic, Intermediate and Advanced) that are available using Computed Radiography (CR) Technology and MMX processing system.

### Performance Objectives

- Understand in the complete operation capabilities of the MMX-Mini X-Ray Scanner System
- Have a safe working knowledge of Radiation Safety
- Understand how to build and process a mosaic X-Ray
- Have a working knowledge of X-Ray source to film distance to include Magnification Factor and the pulses required
- Have a working knowledge of the Inverse Square Law and how it applies to taking an EOD X-Ray image
- How to construct a large multiple panel X-Ray mosaic system

Max Students/Course	24		
Duration	5 days (40 hours)		
No. Instructors	3 (1:7)		
Prerequisites	HDS or Nav School EOD		
Certifications/Permits/Licenses			
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	WMDTech		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 24 students</li><li>▪ Tables and chairs</li><li>▪ Projector</li><li>▪ Screen</li><li>▪ Power to each workstation for Computer and MMX Charging and operation</li><li>▪ MMX X-Ray System per Team</li><li>▪ X-Ray Source (XR-150, XR-200 orXR-3) per Team</li><li>▪ Vehicle per Team for last days exercise (vehicle will not be damaged)</li><li>▪ Build Room for instructors to prepare IED Training Aids</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ X-Ray Shadow Boxes for Practical Exercises</li><li>▪ X-Ray Correct Human Body X-Ray Phantoms for Hostage X-Rays</li><li>▪ Soldering Stations</li><li>▪ Training Laptops</li><li>▪ Inert IED Circuits and components for X-Ray Practical Exercises</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ Handouts</li><li>▪ Course Certificates</li></ul>		
Schedule of Events	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises
		0800 – 0900	Introduction
		0900 – 1200	Radiation Safety for EOD Technicians
		1200 – 1300	Lunch
		1300 – 1500	EOD X-Ray Sources
		1500 – 1700	Basic X-Ray Fundamentals Theory
	DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises

	0800 – 1000	Basic X-Ray Fundamental Block Training Lab
	1000 – 1200	Intermediate X-Ray Fundamentals Theory
	1200 – 1300	Lunch
	1300 – 1700	Intermediate X-Ray Fundamentals Block Training Lab
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture, Practical Exercises</b>
	0800 – 1000	Advanced X-Ray Fundamentals Theory
	1000 – 1200	Advanced X-Ray Fundamentals Block Training Lab
	1200 – 1300	Lunch
	1300 – 1700	Advanced X-Ray Fundamentals Block Training Lab
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Practical Exercises Multiple Panel Large Package Film only configuration Large Mosaic
	1200 – 1300	Lunch
	1300 – 1700	Practical Exercises Shielding and Filter Exercise Medium Package
<b>DAY 5</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Practical Exercises Shielding and Filter Exercise Medium Package
	1000 – 1200	Practical Exercises Special Event
	1200 – 1300	Lunch
	1300 – 1500	Practical Exercises Hostage X-Ray
	1500 – 1600	Practical Exercises Through Vehicle
	1600 – 1700	Review & Certificate Presentation
<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## EOD – Special Event Response

### Course Description

The Special Event Response course is an intense 5-day course. This course is designed to give the bomb technician the knowledge and skills to respond to a very fluid environment where the complete separation or isolation of a suspect package from a crowded environment is not always possible in a quick and timely manner. This course focuses on the decision-making skills needed to decide the best course of action given the crowded environment of a special event. This course also hones the skills of Access, X-Ray and Wire Attacks and other means of evaluating and rendering the package safe if needed. This course is compiled from lessons learned from military EOD units in free moving tactical environments combined with tactics from CONUS Law Enforcement Bomb Squads that respond in a “hands-on” manner daily.

### Performance Objectives

- Understand the type of equipment that is needed to conduct an efficient Special Event Response
- Hone their decision-making skills of threats in the initial encounter with the suspicious package at a special event
- Have a working understanding of types of X-Ray Techniques that can be used in some Special Event Situations
- To know the kind and amount of gear that is essential for a dismounted team working a special event

Max Students/Course	24		
Duration	5 days (40 hours)		
No. Instructors	3 (1:7)		
Prerequisites	HDS or Nav School EOD		
Certifications/Permits/ Licenses			
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	WMDTech		
Customer/Government- Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 24 students</li><li>▪ Tables and chairs</li><li>▪ Projector</li><li>▪ Screen</li><li>▪ Training Locations for the Practical Exercises</li><li>▪ Fluke 87 multi meter with probes per person<ul style="list-style-type: none"><li>○ (WMDTech can provide 8 for use in the course)</li></ul></li><li>▪ 6 lead set of WASPP connectors or Easy Hooks per 2-person team</li><li>▪ Fresh 9-volt battery per Fluke Meter</li><li>▪ Fragmentation or Cap containment unit per 2-person team</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Training Fluke 87 or 88 meters with probes (not left behind)</li><li>▪ Non IED Packages (backpacks, suitcases, etc.)</li><li>▪ Inert IED Packages (backpacks, suitcases, etc.)</li><li>▪ Det Diagnostic Trainers</li><li>▪ EOD Assessment Kit Per Participant (given to each Participant)</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ Handouts</li><li>▪ Course Certificates</li></ul>		
Schedule of Events	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises
		0800 – 0900	Introduction
		0900 – 1030	Preplanning Parade / Marathon
		1030 – 1200	Preplanning Stadium / Fenced Venue
		1200 – 1300	Lunch
		1300 – 1430	Preplanning Stadium / Fenced Venue
		1430 – 1600	Preplanning Protest (Planned / Unplanned)
		1600 – 1700	Lessons Learned

<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Wire Attack All Teams
	1200 – 1300	Lunch
	1300 – 1700	Wire Attack All Teams
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture, Practical Exercises</b>
	0800 – 1000	Access All Teams
	1000 – 1200	IED Type and Function Team 1 Field Expedient X-Ray Team 2 Access & Marking Team 3
	1200 – 1300	Lunch
	1300 – 1500	IED Type and Function Team 2 Field Expedient X-Ray Team 3 Access & Marking Team 1
	1500 – 1700	IED Type and Function Team 3 Field Expedient X-Ray Team 1 Access & Marking Team 2
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Rigging to Safe Area Team 1 Rigging to Natural Barrier / Water Team 2 Rigging to Containment Team 3
	1000 – 1200	Rigging to Safe Area Team 2 Rigging to Natural Barrier / Water Team 3 Rigging to Containment Team 1
	1200 – 1300	Lunch
	1300 – 1500	Rigging to Safe Area Team 3 Rigging to Natural Barrier / Water Team 1 Rigging to Containment Team 2
	1500 – 1700	Gear Review
<b>DAY 5</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0930	Small Team Drill Parade Team 1 Small Team Drill Outdoor Event Team 2 Small Team Drill Indoor Event Team 3
	0930 – 1100	Small Team Drill Parade Team 2 Small Team Drill Outdoor Event Team 3 Small Team Drill Indoor Event Team 1
	1100 – 1130	Small Team Drill Parade Team 3 Small Team Drill Outdoor Event Team 1 Small Team Drill Indoor Event Team 2
	1130 – 1230	Lunch
	1230 – 1600	Final Exercise All Teams
	1600 – 1700	Review & Certificate Presentation
<b>Total Time</b>	<b>40 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## EODIA – Integrated Assault

### Course Description

The Integrated Assault Course introduces basic and advanced bomb disposal and SWAT integration techniques in a tactical environment. The integrated concepts, force protection recommendations, and deployment recommendations for high-risk operations are covered in the course. This course will also explore emerging terrorist trends and the unique history of Explosive Ordnance Disposal Integrated with Assault. This course explains the importance of integrating the Bomb Technician with Emergency Response Units and SWAT. The course will discuss Anti-Terror as a whole and about the solutions that have been discovered in the OCONUS combat theatre of operations and here in the States. The instructor staff will also illustrate an effective way for agencies to categorize, group, study and track trends involved with the explosive threat and provide techniques to extract key information for critical tasks. Students will study and examine the necessary steps and prerequisite training to fully exploit the role and capability of EOD personnel embedded within tactical teams. Alongside lessons learned from the combat experience gained by the Instructor staff. Victory Unlimited designed unique training curricula utilizing very acute insights and simplified approaches. Using key explosive concepts and the enhancement of training methodology is critical to the implementation of this special role for the EODIA operator. The true anti-terror capability is interoperability.

### Performance Objectives

- Understand the type of equipment that is needed to conduct an efficient Integrated Assault
- Hone their decision-making skills of threats in the initial encounter with the suspicious package or booby trap during an Integrated Assault
- Have a working understanding of types of X-Ray Techniques that can be used in some Integrated Assault
- To know the kind and amount of gear that is essential for a dismounted team working an Integrated Assault

<b>Max Students/Course</b>	24
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	3 (1:7)
<b>Prerequisites</b>	HDS or Nav School EOD
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	WMDTech
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 24 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector</li> <li>▪ Screen</li> <li>▪ Training Locations for the Practical Exercises (non-destructive training) <ul style="list-style-type: none"> <li>○ Government Training type location: Hot house, Warehouse, etc.</li> </ul> </li> <li>▪ Fluke 87 multi meter with probes per person <ul style="list-style-type: none"> <li>○ (WMDTech can provide Training Flukes for use in the course)</li> </ul> </li> <li>▪ 6 lead set of WASPP connectors or Easy Hooks per 2-person team</li> <li>▪ Fragmentation or Cap containment unit per 2-person team</li> <li>▪ Golden XR-200 or XR-150 (XR-150 Preferred) per 2-person team</li> <li>▪ FPX Nano or Mini per 2-person team</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Training Fluke 87 or 88 meters with probes (not left behind)</li> <li>▪ Non IED Packages (backpacks, suitcases, etc.)</li> <li>▪ Inert IED Packages (backpacks, suitcases, etc.)</li> <li>▪ Det Diagnostic Trainers</li> <li>▪ EOD Assessment Kit Per Participant (given to each Participant)</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Handouts</li> <li>▪ Course Certificates</li> </ul>

Schedule of Events	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises
		0800 – 0900	Introduction
		0900 – 1100	EODIA Principals, Concepts and Theory
		1100 – 1200	EODIA IED Mitigation Theory
		1200 – 1300	Lunch
		1300 – 1430	EODIA Protective Measures
		1430 – 1600	EODIA Threat Assessment
		1600 – 1700	Review
	DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises
		0800 – 1000	EODIA Lead Out, Equipment and Capabilities
		1000 – 1200	EODIA Accessing
		1200 – 1300	Lunch
		1300 – 1500	EODIA Diagnostic Team 1 EODIA Hands-on Team 2
		1500 – 1700	EODIA Diagnostic Team 2 EODIA Hands-on Team 1 Review
	DAY 3	0800 – 1700	Classroom Lecture, Practical Exercises
		0800 – 1200	Marking Team 1 Wire Attack Team 2
		1200 – 1300	Lunch
		1300 – 1700	Marking Team 2 Wire Attack Team 1 Review and Cleanup
	DAY 4	0800 – 1700	Classroom Lecture and Practical Exercises
		0800 – 1200	Field Expedient X-Ray Team 1 Rigging Team 2
		1200 – 1300	Lunch
		1300 – 1700	Field Expedient X-Ray Team 2 Rigging Team 1 Review and Cleanup
	DAY 5	0800 – 1700	Classroom Lecture and Practical Exercises
		0800 – 1000	FX #1 Team 1 FX #2 Team 2
		1000 – 1200	FPX #3 Team 2 FPX #4 Team 1
		1200 – 1300	Lunch
		1300 – 1600	FX #5 Both Teams FX #5 Both Teams
		1600 – 1700	Review & Certificate Presentation
	Total Time	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Excel for Public Safety

### Course Description

This course provides practical application experience for law enforcement personnel working with MICROSOFT EXCEL®. In a primarily hands-on environment, personnel are guided through a series of examples to better learn how to effectively leverage Excel for law enforcement and public safety. A computer with MS Excel 2013 or higher is required.

### Performance Objectives

Upon completion of this course attendees will be able to better utilize Excel in a public safety environment.

Max Students/Course	40																					
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>																					
No. Instructors	2 (1:30)																					
Prerequisites	None																					
Certifications/Permits/Licenses	Cal OES Approved																					
Course Cost	Please contact SenseMakers LLC																					
Course Vendor(s)	Police Technical																					
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ LCD Projector or flatscreen</li><li>▪ Lighting controls</li><li>▪ Podium</li><li>▪ Classroom seating</li><li>▪ Student laptop with Excel 2013 or higher</li></ul>																					
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>																					
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li><li>▪ Certificate of completion</li><li>▪ Access to post-class online materials</li></ul>																					
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>1200 – 1300</td><td>Lunch</td></tr><tr><td>DAY 2</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>1200 – 1300</td><td>Lunch</td></tr><tr><td>Total Time</td><td colspan="2">16 hours (approx.)</td></tr></table>	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises		0800 – 1700	Classroom Lecture and Practical Exercises		1200 – 1300	Lunch	DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises		0800 – 1700	Classroom Lecture and Practical Exercises		1200 – 1300	Lunch	Total Time	16 hours (approx.)	
DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises																				
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DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises																				
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	1200 – 1300	Lunch																				
Total Time	16 hours (approx.)																					
(Estimate)																						

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Fire Boat Small (FBS)

### Course Description

The Fire Boat Small (FBS) course provides a uniform and standardized understanding of maritime firefighting and emergency response operations and provide the skills necessary to execute missions safely.

### Performance Objectives

Upon successful completion of the course, the student will demonstrate mastery of each of the objectives outlined in each module through a compilation of measures including objective testing, scenario review, class discussion, practical activities and homework.

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours)
<b>No. Instructors</b>	5 (1:4)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ BCM</li> <li>▪ BOSAR</li> </ul>
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	National Association of State Boating Law Administrators (NASBLA)
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Appropriate foul weather gear</li> <li>▪ Life jackets</li> <li>▪ 1 vessel for every 4 students</li> <li>▪ Pool for water skills verification</li> <li>▪ Classroom for 20 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Visual training aids</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Fire Control 5: Aircraft Rescue and Fire Fighting

### Course Description

This course plan has been developed based on current Code of Federal Regulations Title 14, Part 139 Subpart D Section 139.319 and covers the requirements for Aircraft Rescue and Firefighting Operations. All first responders benefit from understanding that hazardous materials may be used or carried by aircraft, and the hazards of ballistic recovery systems on light aircraft (explosives propelled airframe parachute systems).

Fire Control 5 is focused on firefighters assigned to airport fire protection. This scope of Fire Control 5 covers the knowledge-based requirements of Part 139, and if a firefighter works at an airport with air carrier service requiring ARFF protection, the optional live-fire exercise meets the requirement, two out of every three years, for live-fire exercises every 12 consecutive calendar months.

Firefighters not required to meet all elements of Part 139; Airport Operations personnel that may have collateral duties for firefighting; law enforcement; emergency planners and other emergency responders that may be expected to respond to an aircraft incident; will all benefit from a greater depth of knowledge of aircraft and aircraft incidents.

### Performance Objectives

- Identify major subject areas and objectives of the course
- Identify airport geography, taxiways, runways, lighting systems and general airport operations
- Indicate how airport communications are sent and received
- List basic radio procedures
- Recall “Phonetic Alphabet”
- Define standard words and phrases related to airport operations
- List aircraft types
- Indicate types of aircraft engines
- Identify aircraft systems and their hazards
- Identify characteristics of fuels, oils and other materials contained in aircraft systems, and control methods used under emergency conditions
- Identify extinguishing agent, application techniques, and application equipment to extinguish aircraft fires
- Identify reasons for using protective clothing and breathing apparatus
- Identify the types, construction, and care of protective clothing and breathing apparatus
- Identify the proper donning methods for protective clothing and breathing apparatus
- Identify hazards associated with aircraft canopy opening and jettison systems
- Identify hazards with ballistic recovery systems
- Identify hazards associated with aircraft catapult ejection seat systems
- Recognize armament carried aboard military aircraft and its associated hazards
- Identify hazardous cargo shipped on military and civilian aircraft
- Identify types, capabilities and operation of specialized and conventional fire apparatus used for ARFF operations
- Be familiar with applicable FAA and NFPA recommendations for firefighting apparatus
- Define size-up as it applies to aircraft incidents
- List appropriate hand signals used in aircraft firefighting and rescue
- Identify correct vehicle positioning for inflight emergencies and crashes
- Identify need to pre-plan for aircraft incidents and list guidelines for developing an aircraft disaster plan
- Identify post-incident operations and proper preservation of crash scene
- Recall how to interact with multiple agencies/disciplines working at crash scene
- Identify post-traumatic stress disorder and its effects and treatment

### Optional Live-Fire Exercise

- Each student will be involved in a hose line evolution involving suppression and rescue under fire conditions
- Each student will, if normally assigned to an ARFF apparatus, will operate the turret under fire conditions

<b>Max Students/Course</b>	40
<b>Duration</b>	3 days (24 hours) w/o live burn 4 days (30 hours) w/ live burn
<b>No. Instructors</b>	2 (1:20)

<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	California State Fire Training CFESTES		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Industrial Emergency Council		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 40 students</li> <li>Tables and chairs</li> <li>AV capability</li> <li>Open area (200' x 200') for optional Live-Burn session</li> <li>Hard surface, such as airport apron</li> <li>Propane tank and propane</li> <li>Continuous water supply or water tender</li> <li>Pumping engine</li> <li>ARFF apparatus</li> <li>Appropriate student PPE, SCBA, and 2 SBCA bottles</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Projector</li> <li>Laptop</li> <li>Mobile Aircraft Firefighting Trainer for optional live-burn session if requested</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0830	LP1 Course Overview
		0830 – 0900	Pre-exam
		0900 – 1000	LP2 Airport Familiarization
		1000 – 1030	LP3 Airport Fire Fighting Communications
		1030 – 1100	Exercise I
		1100 – 1200	LP4 Aircraft Types, Engines and Systems
		1200 – 1300	Lunch
		1300 – 1500	LP4 Aircraft Types, Engines and Systems (Cont.)
		1500 – 1700	LP5 Aviation Fuels
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1100	LP6 Extinguishing Agents
		1100 – 1130	LP7 PPE and Breathing Apparatus
		1130 – 1200	Exercise II
		1200 – 1300	Lunch
		1300 – 1500	LP8 Special Hazards/Hazardous Materials
		1500 – 1700	LP9 Aircraft Firefighting Apparatus and Equipment
	<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1100	LP10 Aircraft Firefighting and Rescue Procedures
		1100 – 1200	LP11 Aviation Emergency Disaster Pre-Planning
		1200 – 1300	Lunch
		1300 – 1430	LP12 Post-Incident Operations
		1430 – 1500	Exercise III
		1500 – 1600	Final Exam/Course Critique
		1600 – 1700	Closing Remarks and Certificates
	<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Live Burn Session - Optional for Inclusion</b>
		0800 – 0900	Burn prop orientation and Safety Briefing
		0900 – 0930	Donning of personal protective equipment

0930 – 1030	Live Fire exercise and position rotations
1030 – 1100	Break
1100 – 1200	Live Fire exercises and position rotations
1200 – 1300	Lunch
1300 – 1330	Donning of personal protective equipment
1330 – 1430	Live Fire exercises and position rotation (if needed)
1430 – 1500	Break
1500 – 1600	Live Fire exercise and position rotation (if needed)
<b>Total Time</b>	24 hours (approx.) w/o live burn 30 hours (approx.) w/ live burn

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## FireEye Training and Certification Overview

### Course Description

FireEye is a leading provider of cybersecurity solutions. FireEye helps organizations create peace of mind, a sense of security, and a feeling of control over one's environment. This one-hour webinar will provide the BAUASI community an overview on how FireEye tools and training will help them defend their cities against threat actors. Topics:

- Platforms, Security, and Forensics
- Email Security
- Managed Defense
- Endpoint Security
- Threat Intelligence

### Performance Objectives

- Understand how FireEye technology can be used to help improve security posture by testing platforms against real-world scenarios
- Gain a deeper understanding of emerging threat actors and how to defend against changing tactics

Max Students/Course	20
Duration	1 hour
No. Instructors	1 (1:20)
Prerequisites	None
Certifications/Permits/ Licenses	N/A
Course Cost	Please contact SenseMakers LLC
Course Vendor(s)	California Cybersecurity Institute
Customer/Government- Provided Equipment	N/A
Contractor Provided Equipment	None
Student Materials	<ul style="list-style-type: none"><li>▪ Print and Digital courseware</li></ul>
Schedule of Events	1-hour webinar





## First Receiver Operations and Decontamination for Healthcare

### Course Description

This 16-hour course describes some of the tools and procedures a First Receiver must be familiar with to carry out the responsibilities of possible positions; explains how laws, regulations, plans, policies, and standard operating procedures play an important role in ensuring safety during responses to hazardous materials incident at the facility. Small-group and independent exercises are structured to reinforce key points. Hands-on is a key part of the course where students learn to don & doff PPE, use respirators and erect decontamination shelters.

### Performance Objectives

The student completing the First Receiver course will be knowledgeable in the requirements for hospital personnel who receive “contaminated” patients at a medical facility and respond in a defense fashion. The student will be proficient in donning/doffing PPE and setting up the decontamination area. This course will cover both directed self-decontamination as well as hospital decontamination teams.

<b>Max Students/Course</b>	30		
<b>Duration</b>	2 days (16 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Cal OES approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Industrial Emergency Council		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>AV capability</li> <li>White board</li> <li>Easels</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Projector</li> <li>Laptop</li> <li>Easel pads</li> <li>Markers</li> <li>Wall posters</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0830	Administration and Overview
		0830 – 1030	First Responder Awareness, Recognition and Safety
		1030 – 1200	Safety, Isolation and Notifications/Directed Self Decontamination
		1200 – 1300	Lunch
		1300 – 1400	Overview of Incident Command
		1400 – 1500	Identification and Hazard Assessment/Incident Action Plans
		1500 – 1700	Personal Protective Equipment/Donning and Doffing Exercise
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Review and Questions
		0830 – 1000	Hazmat Countermeasures
		1000 – 1200	Decontamination, Disposal and Documentation
		1200 – 1300	Lunch

1300 – 1530	Field Exercise
1530 – 1600	Equipment Restoration
1600 – 1630	Outreach Instructor Information
1630 – 1700	Exam, Comments, Questions, Wrap up
<b>Total Time</b>	16 hours (approx.)

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G108: Community Mass Care and Emergency Assistance

### Course Description

Prepares jurisdictions to manage Mass Care and Emergency Assistance functions effectively and work together to plan and provide Mass Care and Emergency Assistance. Provides jurisdictions with an understanding of roles and responsibilities for local, OA, Region, State Level Shelter and feeding resource requirements; distribution of emergency supplies, resource requirements and providers, Reunification resource requirements and providers, and planning and operational actions.

### Performance Objectives

- Define the four Mass Care and Emergency Assistance services as discussed in this course
- Describe how to determine your community's Mass Care and Emergency Assistance resource requirements
- Identify providers that exist in your community or can be called upon from a nearby community to meet the requirements for Mass Care and Emergency Assistance
- Name planning and operational actions that can affect how services will be provided
- List action items to utilize community resources and providers to meet Mass Care and Emergency Assistance requirements in your community

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours) <i>Virtual course pending, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Constant and Associates		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ LCD projector</li> <li>▪ Computer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	8 hours	Course Introduction
	Unit 2		Introduction to Mass Care and Emergency Assistance Services
	Unit 3		Sheltering Resource Requirements and Providers
	Unit 4		Feeding Resource Requirements and Providers
			Lunch
	Unit 5		Distribution of Emergency Supplies, Resource Requirements, and Providers
	Unit 6		Reunification Resource Requirements and Providers
	Unit 7		Planning and Operational Actions
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G191: Emergency Operations Center/Incident Command System Interface

### Course Description

The goal of this professional development course, E/L/G 0191 Emergency Operations Center/Incident Command System Interface, is to enable the students to develop an effective interface between the Incident Command/Unified Command and the Emergency Operations Center by applying National Incident Management System principles. Selection Criteria: The intended audience(s) are federal, state, tribal, territorial, local level, private industry, volunteer and nongovernmental emergency management personnel who are active in a community's ICS and EOC activities. This course works best when delivered to combined audience of ICS and EOC personnel. The materials were developed with the assumption that audience members may have little or no actual experience as a member of an Incident Command Post staff or an EOC Staff.

### Performance Objectives

- Explain the course structure and potential ICS/EOC interface challenges
- Explain key NIMS concepts, command and coordination systems, and structures
- Analyze given scenarios to determine commonalities and potential interface issues between ICS and EOCs
- Explain the respective roles and interconnectivity of the NIMS command and coordination systems in coordination
- Contrast the typical role and functions of the Incident Command and the EOC during emergency operations
- Analyze given scenarios to apply ICS/EOC interface concepts
- Develop an ICS/EOC interface action plan for your community
- Summarize the course objectives

<b>Max Students/Course</b>	30
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	1 (1:25)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS-0100.c An Introduction to the Incident Command System, ICS 100</li> <li>▪ IS-0700.b An Introduction to the National Incident Management System</li> <li>▪ IS-0800.c National Response Framework, An Introduction</li> <li>▪ IS-0200.c Basic Incident Command System for Initial Response, ICS 200 or</li> <li>▪ IS-2200 Basic Emergency Operations Center Function</li> </ul>
<b>Certifications/Permits/Licenses</b>	Emergency Management Institute, Federal Emergency Management Agency
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Constant and Associates, Elite Command Training, Integrated Solutions Consulting, Mozaik Solutions, Preparative Consulting, Whiskey Tango Solutions, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Projector</li> <li>▪ Audio/visual support capability (projection screen and white board)</li> <li>▪ One computer dedicated to PowerPoint® projection</li> <li>▪ Speakers of sufficient size to permit students in main classroom to adequately hear videos</li> <li>▪ Easel Pads and markers</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Instructor audio/visual kit (projector, laptop)</li> <li>▪ Presentation</li> <li>▪ Applicable take-away materials and resources</li> <li>▪ Instructor guide</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Applicable take-away materials and resources</li> <li>▪ Student Manuals</li> <li>▪ Final exams</li> <li>▪ Course certificate of completion</li> </ul>

Schedule of Events (Estimate)	DAY 1		
	Unit 1	8 hours	Course Introduction
	Unit 2		ICS Review
	Unit 3		ICS/EOC Interface Activity 1
	Unit 4		MAC/EOC Principals Review
	Unit 5		ICS/EOC Relationships
	Unit 6		ICS/EOC Interface Activity
	Unit 7		ICS/EOC Action Planning
	Unit 8		Course Summary
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G194.4: Preparing for Post Disaster Responsibilities

### Course Description

The scope of this module includes an introduction to pre- and post-disaster planning as well as an introduction to post-disaster operations. Participants learn how to identify partners and resources, create a post-disaster SOP, manage public information campaigns, conduct detailed substantial damage inspections, handle substantial damage declarations and posting, manage permitting, documentation, and compliance, and access potential funding sources.

### Performance Objectives

- Describe elements of pre-disaster planning
- Identify contents of a post-disaster SOP
- Outline post-disaster actions
- Describe compliance methods
- List funding sources for post-disaster assistance

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 days (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	Recommended but not required: <ul style="list-style-type: none"> <li>▪ E273 – Basic floodplain management course</li> <li>▪ FEMA 480 – Comprehensive guide to floodplain management</li> </ul>		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introductions
		0830 – 1000	Introduction to Pre - and Post - Disaster Planning
		1000 – 1200	Planning for Post Disaster Operations
		1200 – 1300	Lunch
		1300 – 1500	Post-Disaster Operations
		1500 – 1600	Funding Sources
		1600 – 1700	Course Summary
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G197: Integrating Access & Functional Needs into Emergency Management

### Course Description

This course is intended to provide Emergency Managers/Responders with the skills and knowledge to plan, prepare, respond, and recover for those who have Disabilities and Access and Functional Needs during a disaster.

### Performance Objectives

- Define access and functional needs and disabilities
- Define key terms related to inclusive planning
- Identify resources to assist in planning with and for adults and children with disabilities and access and functional needs
- Identify the essentiality of inclusive practices
- Learn how to incorporate access and functional needs in all phases of emergency management

Max Students/Course	30		
Duration	2 days (12 hours) <i>Virtual course available, please contact us for more details.</i>		
No. Instructors	2 (1:15)		
Prerequisites	None		
Certifications/Permits/ Licenses	N/A		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	California Specialized Training Institute (CSTI), Constant and Associates, Mozaik Solutions		
Customer/Government- Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 30 students</li><li>▪ Tables and chairs</li><li>▪ Projector and screen</li><li>▪ Lapel microphone or hand-held microphone</li><li>▪ Connection cables (HDMI and VGA) for projection system</li><li>▪ Any requested snacks: water, coffee, snacks/meals</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li><li>▪ Thumb drive</li><li>▪ Slide advancer</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li></ul>		
Schedule of Events	<b>DAY 1</b>		
<i>(Estimate)</i>	Unit 1	8 hours	Course Introduction
	Unit 2		Introduction to Access and Functional Needs
	Unit 3		Communication, Evacuation and Transportation
	<b>DAY 2</b>		
	Unit 4	4 hours	Sheltering and Support Services Requirements
	Unit 5		Making It Work – Inclusive Practices
	Unit 6		Course Summary
	<b>Total Time</b>	12 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G205: Recovery from Disaster: The Local Community Role

### Course Description

This revised course provides an introduction to disaster recovery principles and includes current recovery practices and policies. Case studies and activities are included in the course to support participant learning. Access to and use of a variety of resources for recovery planning are taught in the course, including a FEMA online Community Recovery Management Toolkit (CRMT) and a Resource Library associated with the Recovery Pre-Disaster Planning Guide for Local Governments (RPPG-L) that contains links to model plans, templates, tools, lessons learned, best practices, and a range of supplemental reference materials and related pre-disaster planning and disaster recovery resources.

### Performance Objectives

- To increase participants' understanding of local government responsibilities and challenges associated with disaster recovery
- To provide a forum for discussion of "lessons learned" in disaster recovery at the local level
- To prepare participants to develop and implement a pre-disaster recovery plan

<b>Max Students/Course</b>	40		
<b>Duration</b>	3 days (20 hours)		
<b>No. Instructors</b>	2 (1:25)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ G606</li> <li>▪ ICS 100</li> <li>▪ IS 2900</li> </ul>		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 40 students</li> <li>▪ Tables and chairs</li> <li>▪ AV capability</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ AV if necessary</li> <li>▪ Easels/easel pads</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0930	Introduction & Overview
		0930 – 0945	Break
		0945 – 1200	Introduction to Recovery Concepts
		1200 – 1300	Lunch
		1300 – 1700	Recovery Pre-Disaster Planning Guidance for Local Governments
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1030	Leading & Managing Recovery
		1030 – 1045	Break
		1045 – 1230	Stakeholder Engagement and Information Management
		1230 – 1330	Lunch
		1330 – 1700	Local Capabilities and Challenges
	<b>DAY 3</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1100	Joplin Missouri Case Study
		1100 – 1200	Course Conclusion





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<b>Total Time</b>	20 hours (approx.)
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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks) each day
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## G235: Emergency Planning

### Course Description

This course provides the students with training in the fundamentals of the emergency planning process, including the rationale behind planning. It will develop the students' capacity for effective participation in the all-hazard emergency operations planning process to save lives and protect property threatened by disaster.

### Performance Objectives

- Answer the question, "Why plan?"
- Describe the hazard analysis and capability assessment processes
- Describe the EOP format and content, identify types of community support
- State the rationale for a team approach to planning
- Describe EOP coordination and marketing
- Relate exercises to the planning process strategies
- Describe plan maintenance

<b>Max Students/Course</b>	40		
<b>Duration</b>	2 days (16 hours)		
<b>No. Instructors</b>	2 (1:25)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ G606</li> <li>▪ ICS 100</li> </ul>		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 40 students</li> <li>▪ Tables and chairs</li> <li>▪ AV capability</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ AV if necessary</li> <li>▪ Easels/easel pads</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 1015	Introduction & Overview
		1015 – 1030	Break
		1030 – 1200	The Changing Environment for Emergency Planning
		1200 – 1300	Lunch
		1300 – 1500	Planning Principles
		1500 – 1700	Steps in the Planning Process (Part 1)
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1000	Steps in the Planning Process (Part 1) (Cont.)
		1000 – 1015	Break
		1015 – 1230	Steps in the Planning Process (Part 2)
		1230 – 1330	Lunch
		1330 – 1430	Steps in the Planning Process (Part 2) (Cont.)
		1430 – 1445	Break
		1445 – 1600	Coordinating Planning
		1600 – 1700	Course Summary and Final Exam
	<b>Total Time</b>	16 hours (approx.)	

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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks) each day
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## G265: Basic Instructional Skills

### Course Description

This course is designed to provide participants with a foundation for developing instructional skills. The course is not designed to teach how to design training but how to present existing materials. It covers preparation, presentation, and evaluation skills. In addition, participants will be able to incorporate the needs of training participants into their training delivery. It will provide the basic and essential skills to deliver quality training at the local level.

### Performance Objectives

- List the qualities of effective training
- Describe fundamental principles of adult learning
- Identify preparation steps for training sessions
- Describe effective presenters
- Distinguish between presentation and facilitation
- Describe how interpersonal skills are applied to training
- Identify techniques to manage classroom interactions
- Describe how to assess training

<b>Max Students/Course</b>	30		
<b>Duration</b>	4 days (32 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction
		0830 – 1200	Unit 2 Preparing for Training
		1200 – 1300	Lunch
		1300 – 1600	Unit 3 Presenting and Facilitating Training
		1400 – 1530	Presentation Prep
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Presentation Delivery & Evaluations
		1200 – 1300	Lunch
		1300 – 1600	Unit 4 Managing and Evaluating Training
		1600 – 1700	Presentation Prep

<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Presentation Delivery & Evaluations
	1200 – 1300	Lunch
	1300 – 1600	Unit 5 Putting it All Together
	1600 – 1700	Presentation Prep
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Presentation Delivery & Evaluations
	1200 – 1300	Lunch
	1300 – 1600	Presentation Delivery & Evaluations
	1600 – 1700	Course Summary
<b>Total Time</b>	32 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G288: Volunteers and Donations Management

### Course Description

This course provides strategies for managing volunteers, donations, and cash before, during, and after a disaster. Content also includes how to identify resources for volunteers and donations management.

### Performance Objectives

- Identify key organizations and individuals who have a role in managing unaffiliated volunteers, unsolicited goods, and undesigned cash donations in disasters
- Identify specific agencies and organizations and how they collaborate to form a Volunteer and Donations Coordination Team (VDCT)
- Develop an effective public education and information structure to support the successful management of unaffiliated volunteers, unsolicited goods, and undesigned cash donations in disasters
- Identify how to manage effectively the surge of unsolicited goods
- Gather information from organizations, agencies, volunteers, media, and others for donations intelligence purposes
- Facilitate the matching of unaffiliated volunteers with appropriate organizations or agencies during program implementation
- List the planning considerations for cash donations
- Incorporate technology needed to manage successfully information on unaffiliated volunteers and unsolicited goods
- Relate volunteer and donations management program responsibilities to the planning components of the annex

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours) <i>Virtual course pending, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	Recommended: <ul style="list-style-type: none"> <li>▪ IS-100 An Introduction to the Incident Command System</li> <li>▪ IS-700 An Introduction to the National Incident Management System</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Constant and Associates		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ LCD projector</li> <li>▪ Computer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	8 hours	Volunteer and Donations Strategies and Management
	Unit 2		Collaboration and Partnership
	Unit 3		Managing Public Education and Information
	Unit 4		Managing Unsolicited Donated Goods
	Unit 5		Managing Spontaneous Volunteers
	Unit 6		Managing Undesignated Cash
	Unit 7		Information Management
	Unit 8		Local Plans
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G289: Public Information Officer Awareness Training

### Course Description

The Public Information Officer Awareness Course (G0289) is designed to familiarize participants with the concepts underlying the PIO role. This course can provide a basic understanding of the PIO function for those new to the position. Additionally, it can provide those in executive-level roles the necessary knowledge of PIO roles and responsibilities during an emergency.

### Performance Objectives

- Define emergency public information and the importance of being proactive
- Describe the role and functions of the PIO
- Describe the types of written products used in public information activities
- Recall preparation techniques that contribute to a successful media interview
- List the steps of the 8-Step Model for Strategic Communications
- Given a scenario, apply the 8-Step Model to a public awareness campaign
- Apply public information techniques to a 5% scenario

<b>Max Students/Course</b>	40		
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:20)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ IS-100.b An Introduction to the Incident Command System</li> <li>▪ IS-0702.a National Incident Management System Public Information Systems</li> <li>▪ IS-909 Community Preparedness, Simple Activities for Everyone</li> </ul>		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture</b>
		0800 – 0830	Introduction
		0830 – 0845	Public Information Roles/Responsibilities
		0845 – 0900	Public Information Skills
		0900 – 1000	Strategic Communications
		1000 – 1100	Wrap up Exercise
		1100 – 1200	Unit Summary
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## G290: Basic Public Information Officer

### Course Description

The primary audience for this training is individuals who have public information responsibilities as their main job or as an auxiliary function at the federal, state, local, tribal or territorial level of government, and in the private and nongovernmental sectors.

### Performance Objectives

- Explain why emergency public information is important during an incident
- Demonstrate the role and function of the PIO in both day-to-day and emergency environments
- Recognize the functional needs and challenges of communicating with different audiences
- Understand the media needs at the scene of an emergency
- Understand how to conduct media briefings and press conferences
- Describe different public information written products
- Apply effective news release writing guidance
- Apply media interview techniques
- Demonstrate effective techniques for on-camera interviews

Max Students/Course	30		
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>		
No. Instructors	1 (1:30)		
Prerequisites	<ul style="list-style-type: none"><li>▪ G289 Public Information Awareness Training</li><li>▪ IS-100.b An Introduction to the Incident Command System</li><li>▪ IS-0702.a National Incident Management System Public Information Systems</li><li>▪ IS-909 Community Preparedness, Simple Activities for Everyone</li></ul>		
Certifications/Permits/Licenses	DHS and Cal OES Approved		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	California Specialized Training Institute (CSTI), Constant and Associates, Mozaik Solutions		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 30 students</li><li>▪ Tables and chairs</li><li>▪ Projector and screen</li><li>▪ Lapel microphone or hand-held microphone</li><li>▪ Connection cables (HDMI and VGA) for projection system</li><li>▪ Any requested snacks: water, coffee, snacks/meals</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li><li>▪ Thumb drive</li><li>▪ Slide advancer</li><li>▪ Role play and tabletop exercise materials</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li></ul>		
Schedule of Events	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises
		0800 – 0830	Introduction
		0830 – 0930	Unit 1 (Role of Emergency Public Information and the PIO)
		0930 – 1045	Unit 2 (Working with the Media)
		1045 – 1100	Break
		1100 – 1200	Unit 3 (Developing and Delivering Key Messages)
		1200 – 1300	Lunch
		1300 – 1400	Unit 3 (continued)
		1400 – 1500	Unit 4 (Communication Plan and Developing an Incident Communication Strategy)
		1500 – 1700	Unit 5 (Meeting the Needs of the media)



<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0945	Unit 6 (Developing Information Products)
	0945 – 1000	Break
	1000 – 1200	Unit 7 (Interview Techniques)
	1200 – 1300	Lunch
	1300 – 1530	Practical Exercise
	1530 – 1545	Break
	1545 – 1700	Conclusion and Post Test
<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G291: Joint Information System/Joint Information Center Planning for Tribal, State and Local PIOs

### Course Description

Define public information activities within the Joint Information System (JIS) and outline the communications needed for different incidents and define the roles of the PIO within NIMS/ICS.

### Performance Objectives

- Define NIMS, and explain where public information fits in
- Define ICS and the role of the PIO within ICS
- Describe the advantages and challenges of working with multiple PIOs
- Differentiate between the JIS and the JIC
- Describe triggers for JIC activation
- Describe the preparedness activities for establishing and maintaining a JIC
- Describe flexible and scalable structures for organizing a JIC based on incident needs
- Describe the State JIC organizational structures and resources
- Describe the Federal ESF #15 organizational structures and resources
- Identify strategies for building partnerships at all levels

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 days (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ G290 Basic Public Information Officer</li> <li>▪ IS-100.b An Introduction to the Incident Command System</li> <li>▪ IS-0702.a National Incident Management System Public Information Systems</li> <li>▪ IS-909 Community Preparedness, Simple Activities for Everyone</li> </ul>		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Constant and Associates, Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0845	Introduction
		0845 – 0945	Module 1 (Public information officers in a multi-jurisdictional incident)
		0945 – 1000	Break
		1000 – 1100	Module 2 (The Role of Public Information in NIMS/ICS)

1100 – 1200	Module 3 (Challenges in Communication during an expanding incident)
1200 – 1300	Lunch
1300 – 1330	Module 3 (continued)
1330 – 1515	Module 4 (JIC Activation and Structure)
1515 – 1530	Break
1530 – 1630	Module 5 (JIC Planning for activating and mainlining a JIC)
1630 – 1700	Conclusion and Post Test Activity
<b>Total Time</b>	<b>8 hours (approx.)</b>

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G318: Local Mitigation Planning Workshop

### Course Description

This workshop describes the planning process, the requirements for stakeholder involvement, assessing risks, and developing effective mitigation strategies. It includes the basic elements of the plan review, approval, and update cycle, as well as tips for implementing and maintaining an approved plan, tracking performance, keeping stakeholders involved, and preventing plans from lapsing or expiring.

### Performance Objectives

- Define hazard mitigation
- Establishing the Planning Area
- Building the Planning Team
- Develop an Outreach Strategy

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction
		0830 – 0900	Planning Process
		0900 – 1200	Risk Assessment
		1200 – 1300	Lunch
		1300 – 1400	Mitigation Strategy
		1300 – 1530	Community Resilience in action
		1530 – 1700	Conclusion
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G358: Evacuation and Re-Entry Planning

### Course Description

This 12-hour course provides participants with the knowledge and skills needed to design and implement an evacuation and re-entry plan for their jurisdictions. It uses a community's vulnerability analysis and evacuation plan. It also addresses evacuation behavior and recommends methods to make evacuation and re-entry more efficient. This course does not address the decision to evacuate or re-enter.

### Performance Objectives

- Describe the reasons for conducting pre-disaster evacuation and re-entry planning, exercising and community education
- Refer to the community's existing Threat and Hazard Identification and Risk Assessment (THIRA) to identify hazards that may require evacuation, the amount of warning time expected, and the populations that will be affected by an evacuation
- Describe factors that affect how people react to evacuation orders, when people leave after an evacuation order, where people seek shelter, and modes of evacuee transportation
- Determine the requirements needed to complete an evacuation, including but not limited to laws, transportation, shelter/reception centers, perimeter control and an accountability system
- Describe how to communicate with the public before, during and after an evacuation
- Develop a plan for returning evacuees to their homes
- Develop a strategy for designing, developing, testing, implementing, and maintaining an evacuation plan

Max Students/Course	30		
Duration	2 days (12 hours) <i>Virtual course pending, please contact us for more details.</i>		
No. Instructors	2 (1:15)		
Prerequisites	Recommended: <ul style="list-style-type: none"><li>IS-235 Emergency Planning</li></ul>		
Certifications/Permits/Licenses	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	California Specialized Training Institute (CSTI), Constant and Associates		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>Classroom for 30 students</li><li>Tables and chairs</li><li>Whiteboard</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>LCD projector</li><li>Computer</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>All printed course materials</li></ul>		
Schedule of Events	DAY 1		
(Estimate)	Unit 1	8 hours	Course Introduction
	Unit 2		Who is at Risk
	Unit 3		Community Behavior in Evacuation
	Unit 4		Evacuation Requirements
	DAY 2		
	Unit 5	4 hours	Evacuation Communications
	Unit 6		Re-entry
Unit 7	Course Conclusion		
	Total Time	12 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G364: Multi-Hazard Planning for Schools

### Course Description

These courses assist members of the emergency management, risk management, school personnel, and members of law enforcement and emergency management organizations. This whole community focus is an important concept for leveraging resources.

### Performance Objectives

- Whole community planning
- Understanding school hazards

Max Students/Course	30		
Duration	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
No. Instructors	2 (1:15)		
Prerequisites	None		
Certifications/Permits/Licenses	DHS and Cal OES approved		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	California Specialized Training Institute (CSTI), Constant and Associates, Mozaik Solutions		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 30 students</li><li>▪ Tables and chairs</li><li>▪ Projector and screen</li><li>▪ Lapel microphone or hand-held microphone</li><li>▪ Connection cables (HDMI and VGA) for projection system</li><li>▪ Any requested snacks: water, coffee, snacks/meals</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li><li>▪ Thumb drive</li><li>▪ Slide advancer</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li></ul>		
Schedule of Events	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises
		0800 – 0830	Introduction
		0830 – 0900	Getting Ready for Planning
		0900 – 1000	Understanding the Situation
		1000 – 1200	Developing the School EOP
		1200 – 1300	Lunch
		1300 – 1400	Training & Exercising the School EOP
		1400 – 1530	Conducting Tabletop Exercise
		1530 – 1700	Debrief
		Total Time	8 hours (approx.)

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G393: Mitigation for Emergency Managers

### Course Description

This course provides resources for mitigation activities fundamental to reduce and eliminate long-term hazard risks. Participants will understand their roles and responsibilities to develop and implement a mitigation strategy to reduce the impact of disasters.

### Performance Objectives

- Motivate participants to create safer communities by addressing and mitigating hazards
- Explore the important roles of the emergency program manager in mitigation: motivator, coordinator, and monitor
- Enable participants to carry out mitigation responsibilities in accordance with applicable regulations and standards

<b>Max Students/Course</b>	30		
<b>Duration</b>	3 days (20 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction
		0830 – 0900	Introductory Information
		0900 – 1200	Emergency Manager Role in Mitigation
		1200 – 1300	Lunch
		1300 – 1400	Identifying Opportunities for Mitigation
		1400 – 1530	Developing Mitigation Strategies
		1530 – 1700	Debrief
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0930	Introduction
		0930 – 1200	Identifying and Using Mitigation Resources
		1200 – 1300	Lunch
		1300 – 1500	Implementing and Using Mitigation Resources
		1500 – 1700	Debrief
	<b>DAY 3</b>	<b>0800 – 1400</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Post Disaster Mitigation Exercise
		1200 – 1300	Lunch
		1300 – 1400	Moving Forward with Mitigation



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<b>Total Time</b>	20 hours (approx.)
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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)
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## G402: Incident Command System Overview for Executives and Senior Officials

### Course Description

The purpose of this course is to familiarize Senior Officials (executives, elected and appointed officials, city/county managers, agency administrators, etc.) with their role in supporting incident management within the National Incident Management System (NIMS).

### Performance Objectives

- Explain the course goals and objectives
- Explain the National Incident Management System
- Explain the NIMS Management Characteristics, the organizational structure of the Incident Command System, and the role of the Command and General Staff
- Explain the attributes and purpose of Emergency Operations Centers
- Explain the interconnectivity between the MAC Group, EOCs, the Joint Information System and Incident Command
- Explain the Senior Official's role in preparedness
- Summarize the course objectives

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (3.5 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1130</b>	<b>Classroom Lecture</b>
		0800 – 0830	Introduction
		0830 – 0845	What is NIMS
		0845 – 0900	ICS Organization and Features
		0900 – 0915	NIMS Coordination: Emergency Operations Centers
		0915 – 0930	NIMS Coordination: MAC Group
		0930 – 0945	Preparedness
		0945 – 1130	Course Summary
	<b>Total Time</b>	3.5 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## G418: Mass Care-Emergency Assistance (MC-EA) Planning and Operations

### Course Description

The purpose of this course is to prepare Mass Care/Emergency Assistance (MC/EA) Coordinators and their teams to develop MC/EA plans to support and/or coordinate MC/EA disaster responses.

### Performance Objectives

- Describe the seven MC/EA Activities
- Identify key MC/EA planning steps
- Describe the roles and responsibilities of the Mass Care Coordinator and team
- Define the scale of the disaster and estimate needed resources to support a MC/EA disaster operation
- Discuss the primary elements of MC/EA Information Management

<b>Max Students/Course</b>	30		
<b>Duration</b>	2 day (16 hours) <i>Virtual course pending, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	Recommended: <ul style="list-style-type: none"> <li>▪ IS-405 Mass Care/Emergency Assistance Overview</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Constant and Associates		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ LCD projector</li> <li>▪ Computer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	8 hours	Mass Care/Emergency (MC/EA) Support for Field Operations
	Unit 2		Overview of Mass Care/Emergency Assistance Activities
	Unit 3		Steps in the Planning Process
	<b>DAY 2</b>		
	Unit 4	8 hours	Mass Care/Emergency Assistance Operational Support
	Unit 5		MC/EA Assistance Resources
	Unit 6		MC/EA Information Management
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G489: Management of Spontaneous Volunteers

### Course Description

The purpose of this course is to introduce the skills and planning considerations that are required to manage large numbers of people who are not affiliated with an experienced relief organization, but who want to help in disasters.

- Performance Objectives
- Identify issues and challenges in the management of spontaneous volunteers
- Identify the elements of a spontaneous volunteer management plan
- Identify best practices for the management of spontaneous volunteers in disasters
- Develop and implement a spontaneous volunteer management plan
- Explain the role of the Volunteer Reception Center (VRC) and virtual VRC in the transition from response to recovery

### Performance Objectives

Max Students/Course	30		
Duration	1 day (8 hours) <i>Virtual course pending, please contact us for more details.</i>		
No. Instructors	2 (1:15)		
Prerequisites	Recommended: All course participants should be familiar with their own state and local government Emergency Operations Plan Annex, if one exists, on the use of spontaneous volunteers and volunteers affiliated with relief organizations. In addition, the individuals should have a working knowledge of the Incident Command and National Incident Management Systems (IS 0100.b, Introduction to the Incident Command System; IS 0200.b, Incident Command System for Single Resources and Initial Action Incidents; IS 0700.a, National Incident Management System, An Introduction; and IS 0800.b, National Response Framework, An Introduction)		
Certifications/Permits/Licenses	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	California Specialized Training Institute (CSTI), Constant and Associates		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 30 students</li><li>▪ Tables and chairs</li><li>▪ Whiteboard</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ LCD projector</li><li>▪ Computer</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ All printed course materials</li></ul>		
Schedule of Events	DAY 1		
(Estimate)	Unit 1	8 hours	Introduction to Volunteering
	Unit 2		Building the Network
	Unit 3		Elements of a Spontaneous Volunteer Management Plan
	Unit 4		Best Practices for Effective Management of Spontaneous Volunteers in Disasters
	Unit 5		Implementing the Spontaneous Volunteer Management Plan
	Unit 6		Transition to Recovery
	Total Time	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G556: Local Damage Assessment

### Course Description

This unit provides an overview of the course and the importance of local damage assessment. Information gathered during damage assessment identifies needs, helps set priorities, and drives response and recovery actions. This snapshot of the extent and location of damage provides information for the public as well as documentation necessary for the pursuit of additional resources from contracts and mutual aid and/or from state and federal agencies. The thoroughness and efficiency of the damage assessment process sets the tone for the entire response/recovery operations.

### Performance Objectives

- Explain the course goals and objectives
- Explain the National Incident Management System
- Explain the NIMS Management Characteristics, the organizational structure of the Incident Command System, and the role of the Command and General Staff
- Explain the attributes and purpose of Emergency Operations Centers
- Explain the interconnectivity between the MAC Group, EOCs, the Joint Information System and Incident Command
- Explain the Senior Official's role in preparedness
- Summarize the course objectives

<b>Max Students/Course</b>	30		
<b>Duration</b>	2 day (16 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction to Local Damage Assessment
		0830 – 1200	Threat and Hazard Identification Risk Assessment
		1200 – 1300	Lunch
		1300 – 1400	Planning the Damage Assessment Program
		1400 – 1530	Training & Exercises
		1530 – 1700	Day 1 debrief

	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Training and Exercise
		1200 – 1300	Lunch
		1300 – 1500	Operations
		1500 – 1600	Data Collection and Analysis
		1600 – 1700	Conclusion & Closing
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G557: Rapid Assessment Workshop

### Course Description

This course focuses on plans and procedures for responding to the initial four hours of a disaster. Content includes pre-event planning, intelligence gathering, and situational awareness distribution.

### Performance Objectives

- Explain the Purpose of a Rapid Needs Assessment
- Describe the starting point for planning for a Rapid Needs Assessment
- Describe the process for staffing a rapid needs assessment
- Describe the basic tools required to support the rapid needs assessment process
- Describe the Importance of planning data collection
- Describe the importance of redundant data transmission systems and means
- Describe the importance of analyzing and reviewing data
- Describe additional data sources available to support analysis
- Describe the various methods of training that can be used to support the program
- Describe how rapid needs assessment plans and actions can be exercised in the community

<b>Max Students/Course</b>	30
<b>Duration</b>	2 days (16 hours) <i>Virtual course pending, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1:15)
<b>Prerequisites</b>	Recommended: IS0100.b, Introduction to the Incident Command System, ICS 100; IS0200.b, Incident Command System for Single Resources and Initial Action Incidents; IS0700.a, National Incident Management System, An Introduction; IS0800.b, National Response Framework, An Introduction; IS0120.a, An Introduction to Exercises; and IS0130, Exercise Evaluation and Improvement Planning
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Constant and Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ LCD projector</li> <li>▪ Computer</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>
<b>Schedule of Events</b>	<b>DAY 1</b>
<b>(Estimate)</b>	Unit 1                      8 hours                      Course Administration and Safety
	Unit 2    Planning
	Unit 3    Priorities
	<b>DAY 2</b>
	Unit 4    Data Collection and Transmission
	Unit 5    Analysis of Data
	Unit 6    Training and Exercise
	Unit 7    Final Exam and Wrap Up
	<b>Total Time              16 hours (approx.)</b>

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G606: SEMS Introductory

### Course Description

This course provides a comprehensive discussion of the components of SEMS and its uses in California. It focuses on mutual aid, inter-agency coordination, the operational area concept, and how the five levels of government communicate, interact and share resources.

### Performance Objectives

Upon completion of this introductory course, participants will understand the SEMS and ICS principles.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course pending, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Constant and Associates		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ LCD projector</li> <li>▪ Computer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	4 hours	Purpose and Scope of SEMS
	Unit 2		Basic Elements of SEMS
	Unit 3		SEMS five organizational levels
	Unit 4		SEMS Functions and basic concepts
	Unit 5		Basic operating requirements and individual responsibility
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## G611-F: EOC Section Overview: Finance and Administration

### Course Description

This training module focuses on key Emergency Operations Center (EOC) positions within the Finance & Admin Section based on the state OES EOC Section/Position credentialing document.

### Performance Objectives

- Refreshed on structure and roles in the EOC
- Understand F&A Roles and Responsibilities
- Understand position specific responsibilities and interactions with other positions in the EOC
- Understand the resources and tools that are available to help fulfill responsibilities

<b>Max Students/Course</b>	30
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1:15)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ G606 – An Introduction to the Standardized Emergency Management System</li> <li>▪ ICS 100 – An Introduction to the Incident Command System</li> <li>▪ IS 700 – An Introduction to the National Incident Management System</li> </ul>
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Constant and Associates, Preparative Consulting, Whiskey Tango Solutions
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ LCD projector</li> <li>▪ Computer</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>
<b>Schedule of Events</b>	<b>DAY 1</b>
<b>(Estimate)</b>	Unit 1                      8 hours                      EOC Overview
	Unit 2    F&A Overview
	Unit 3    Section Overview
	Unit 4    Position Resources
	<b>Total Time</b> 8 hours (approx.)

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## G611-L: EOC Section Overview: Logistics

### Course Description

This training module focuses on key Emergency Operations Center (EOC) positions within the Logistics Section based on the state OES EOC Section/Position credentialing document.

### Performance Objectives

- Refresh the structure and roles of the different sections of an EOC
- Understand LOG's role and responsibility
- Understand position specific responsibilities and their interactions with other positions in the EOC
- Understand the resources and tools available to help fulfill role

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ G606 – An Introduction to the Standardized Emergency Management System</li> <li>▪ ICS 100 – An Introduction to the Incident Command System</li> <li>▪ IS 700 – An Introduction to the National Incident Management System</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Constant and Associates, Preparative Consulting, Whiskey Tango Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ LCD projector</li> <li>▪ Computer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	8 hours	EOC Overview
	Unit 2		LOG's Section Overview
	Unit 3		Position Specific Responsibilities
	Unit 4		Position Resources and Tools
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G611-M: EOC Section Overview: Management

### Course Description

This training module focuses on key Emergency Operations Center (EOC) positions within the Management Section based on the state OES EOC Section/Position credentialing document.

### Performance Objectives

- Refresh the structure and roles of the different sections of an EOC
- Understand MGT's roles and responsibilities
- Understand position specific responsibilities and the interactions with others in the EOC
- Understand the resources and tools that are available to help fulfill roles and responsibilities

<b>Max Students/Course</b>	30
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1:15)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ G606 – An Introduction to the Standardized Emergency Management System</li> <li>▪ ICS 100 – An Introduction to the Incident Command System</li> <li>▪ IS 700 – An Introduction to the National Incident Management System</li> </ul>
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Constant and Associates, Preparative Consulting, Whiskey Tango Solutions
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ LCD projector</li> <li>▪ Computer</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>
<b>Schedule of Events</b>	<b>DAY 1</b>
<b>(Estimate)</b>	Unit 1                      8 hours                      EOC Overview
	Unit 2    Management Section Overview
	Unit 3    Position Specific Roles and Responsibilities
	Unit 4    Position Resources and Tools
	<b>Total Time</b> 8 hours (approx.)

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G611-O: EOC Section Overview: Operations

### Course Description

This training module focuses on key Emergency Operations Center (EOC) positions within the Operations Section based on the state OES EOC Section/Position credentialing document.

### Performance Objectives

- Refresh the structure and roles of the different sections of an EOC
- Understand OPS's roles and responsibilities
- Understand position specific responsibilities and the interactions with others in the EOC
- Understand the resources and tools that are available to help fulfill roles and responsibilities

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ G606 – An Introduction to the Standardized Emergency Management System</li> <li>▪ ICS 100 – An Introduction to the Incident Command System</li> <li>▪ IS 700 – An Introduction to the National Incident Management System</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Constant and Associates, Preparative Consulting, Whiskey Tango Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ LCD projector</li> <li>▪ Computer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	8 hours	EOC Overview
	Unit 2		Operations Section Overview
	Unit 3		Position Specific Roles and Responsibilities
	Unit 4		Position Resources and Tools
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G611-P: EOC Section Overview: Planning and Intelligence

### Course Description

This training module focuses on key Emergency Operations Center (EOC) positions within the Planning and Intel Section based on the state OES EOC Section/Position credentialing document.

### Performance Objectives

- Refresh the structure and roles of the different sections of an EOC
- Understand the P&I Section and Action Planning Process
- Understand position specific responsibilities and interactions with positions in the EOC
- Understand the resources and tools that are available to help fulfill roles and responsibilities

<b>Max Students/Course</b>	30
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1:15)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ G606 – An Introduction to the Standardized Emergency Management System</li> <li>▪ ICS 100 – An Introduction to the Incident Command System</li> <li>▪ IS 700 – An Introduction to the National Incident Management System</li> </ul>
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Constant and Associates, Preparative Consulting, Whiskey Tango Solutions
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ LCD projector</li> <li>▪ Computer</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>
<b>Schedule of Events</b>	<b>DAY 1</b>
<b>(Estimate)</b>	Unit 1                      8 hours                      EOC Overview
	Unit 2    EOC P&I Section Overview and Action Planning
	Unit 3    EOC Position Specific Responsibilities
	Unit 4    Position Resources and Tools
	<b>Total Time</b> 8 hours (approx.)

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G611-W: EOC Operations: Water/Wastewater Utilities

### Course Description

This training focuses on key Emergency Operations Center (EOC) positions within the Operations Section, based on Cal OES EOC Section/Position credentialing documents.

### Performance Objectives

- Describe what the Water/Wastewater Utilities Branch does
- Describe the positions' roles and responsibilities
- Describe how each section interacts with the other
- Have a detailed position description
- Describe the functions of the section/positions within the EOC
- Tabletop exercise to apply concepts learned

Max Students/Course	30																
Duration	1 day (8 hours)																
No. Instructors	2 (1:15)																
Prerequisites	None																
Certifications/Permits/ Licenses	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.																
Course Cost	Please contact SenseMakers LLC																
Course Vendor(s)	California Specialized Training Institute (CSTI)																
Customer/Government- Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 30 students</li><li>▪ Tables and chairs</li><li>▪ Whiteboard</li></ul>																
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ LCD projector</li><li>▪ Computer</li></ul>																
Student Materials	<ul style="list-style-type: none"><li>▪ All printed course materials</li></ul>																
Schedule of Events	<b>DAY 1</b>																
<i>(Estimate)</i>	<table><tr><td>Unit 1</td><td rowspan="6">8 hours</td><td>Introduction and Overview</td></tr><tr><td>Unit 2</td><td>EOC Overview</td></tr><tr><td>Unit 3</td><td>Section Overview</td></tr><tr><td>Unit 4</td><td>Position Specific</td></tr><tr><td>Unit 5</td><td>Position Resources</td></tr><tr><td>Unit 6</td><td>Bringing it All Together</td></tr><tr><td><b>Total Time</b></td><td>8 hours (approx.)</td><td></td></tr></table>	Unit 1	8 hours	Introduction and Overview	Unit 2	EOC Overview	Unit 3	Section Overview	Unit 4	Position Specific	Unit 5	Position Resources	Unit 6	Bringing it All Together	<b>Total Time</b>	8 hours (approx.)	
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Unit 2		EOC Overview															
Unit 3		Section Overview															
Unit 4		Position Specific															
Unit 5		Position Resources															
Unit 6		Bringing it All Together															
<b>Total Time</b>	8 hours (approx.)																

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G626E: Essential EOC Action Planning

### Course Description

This course focuses on and Emergency Operations Center's action planning process. Participants learn what the action plan contains and the process to develop an action plan. Content includes what each SEMS Section contributes to develop the action plan and each participant's role.

### Performance Objectives

- Participants understand components of an EOC Action Plan
- Participants learn to develop SMART Objectives
- Participants understand the planning meeting and briefings required to develop and EOC Action Plan
- Participants engage in hands on activities to develop an EOC Action Plan based on a given scenario

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ G775 – EOC Operations and Management (Recommended)</li> <li>▪ G191 – EOC/ICS Interface (Recommended)</li> <li>▪ G611 – EOC Section Position Training (Recommended)</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Constant and Associates, Mozaik Solutions, Preparative Consulting, Whiskey Tango Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ LCD projector</li> <li>▪ Computer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction
		0830 – 0915	Incident Briefing
		0915 – 0930	Break
		0930 – 1030	Objective Development
		1030 – 1200	EOC Battle Rhythm (Planning P)
		1200 – 1300	Lunch
		1300 – 1345	EOC Action Plan Forms
		1345 – 1400	Break
		1400 – 1500	Action Plan Prep and Approval
		1500 – 1630	Activity (Action Plan Development)
		1630 – 1700	Conclusion and Closing
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## G775: EOC Management and Operations

### Course Description

This course focuses on EOC Management and Operations. Content includes Multiagency Coordination, EOC design, how to staff, activate and deactivate an EOC.

### Performance Objectives

- Multiagency Coordination Systems (MACS) and where EOCs fit into MACS per NIMS
- Factors to consider when staffing the EOC and ways to organize staff
- NIMS requirements for interoperable and redundant communications
- EOC information needs and equipment to support those needs
- Analyze current EOC functions and alternate EOCs
- Processes to activate and deactivate the EOC
- ICS/EOC interface
- Training and exercising your EOC personnel

<b>Max Students/Course</b>	30		
<b>Duration</b>	2 day (16 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ E/L 300 – Intermediate ICS for Expanding Incidents, ICS-300</li> <li>▪ G 191 – ICS/EOC Interface Workshop</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Constant and Associates, Industrial Emergency Council, Mozaik Solutions, Preparative Consulting, Whiskey Tango Solutions, Wiland Associates		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ LCD projector</li> <li>▪ Computer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	8 hours	Welcome and Course Overview
	Unit 2		EOC Intro & 4 Effective Factors
	<b>DAY 2</b>		
	Unit 3	8 hours	NIMS/SEMS/ICS & EOCs
	Unit 4		EOC Organization
	Unit 5		EOC Operations
	Unit 6		Helpful Tips & Items to Consider
	Unit 7		Review, Exam, & Close
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Global Positioning System (GPS) Forensics

### Course Description

The GPS Forensics course was designed to provide maritime law enforcement officers the foundational knowledge, skills and ability for recovering evidence from GPS devices and preparing it for courtroom presentation.

### Performance Objectives

Student will demonstrate mastery of each of the objectives outlined in each module through a compilation of measures including objective testing, scenario review, class discussion, practical activities and homework.

Max Students/Course	30		
Duration	1 day (8 hours)		
No. Instructors	2 (1:15)		
Prerequisites	None		
Certifications/Permits/Licenses			
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	National Association of State Boating Law Administrators (NASBLA)		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 30 students</li><li>▪ Tables and chairs</li><li>▪ Whiteboard</li><li>▪ Students will be required to bring a laptop that can download GPS Manufacturer provided software that will be provided in the class.</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Visual Training Aids</li><li>▪ Handheld GPS units</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ All printed course materials</li></ul>		
Schedule of Events	DAY 1		
(Estimate)	Unit 1 Unit 2 Unit 3 Unit 4 Unit 5 Unit 6	8 hours	GPS Basics Receiver Round-Up and Review Device Seizure and Evidence Collection Legal Considerations Conducting a GPS Examination Report Writing
	Total Time	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## Handtevy Pediatric Emergency Standards

### Course Description

The Handtevy Pre Hospital Pediatric Provider Course is a 4-hour live lecture and hands-on course that focuses on the skills needed to rapidly and accurately treat the sick and injured pediatric patient. The course uses the basic tenets of ACLS training as the foundation while still covering the basic pediatric ALS principles and nuances. The course is intended to be used with the Handtevy Pediatric System. Students will learn key principles in pediatric advanced life support geared towards pre-hospital providers, a systematic approach to pediatric assessment with a scientific explanation of the difficulties associated with pediatric care, overcoming the emotional hurdles associated with the pre-hospital pediatric patient, recognition, and management of respiratory, shock and cardiac emergencies, medication principles including dosing administration and error prevention and effective communication as a member and leader of a pre-hospital treatment team.

### Performance Objectives

At the conclusion of this course students should be able to utilize the Handtevy method for pediatric medication administration, understand pediatric assessment, understand emotional issues related to pediatric care, and recognize signs and symptoms of respiratory, shock and cardiac emergencies in the pediatric patient.

Max Students/Course	24																														
Duration	1/2 day (4 hours) <i>Virtual course pending, please contact us for more details.</i>																														
No. Instructors	4 (1:6)																														
Prerequisites	None																														
Certifications/Permits/Licenses	Handtevy Certification with 4 hours of CAPCE CEUs																														
Course Cost	Please contact SenseMakers LLC																														
Course Vendor(s)	California Fire & Rescue Training Authority (CFRTA)																														
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 24 students</li><li>▪ Tables and chairs</li><li>▪ Whiteboard</li><li>▪ A/V capability</li></ul>																														
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Pediatric manikins</li><li>▪ ALS supplies</li><li>▪ Computer</li></ul>																														
Student Materials	<ul style="list-style-type: none"><li>▪ All printed course materials</li></ul>																														
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1200</td><td>Classroom Lecture and Practical Exercises</td></tr></table>	DAY 1	0800 – 1200	Classroom Lecture and Practical Exercises																											
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	1045 – 1130	Group Scenarios																													
	1130 – 1200	Post Test & Evals																													
Total Time	4 hours (approx.)																														

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## HazMat Assistant Safety Officer

### Course Description

This course concentrates on safe hazardous materials incident operations, critical to response and containment. The ASO Course is designed to meet the training needs of the Assistant Safety Officer position in the incident command system. Topics include: ASO effectiveness, analysis techniques, safety messages/meetings, briefings and reports and hazardous materials operations.

### Performance Objectives

Students will begin by assessing the incident as a “big picture” and learn to maintain site safety and control.

Max Students/Course	40		
Duration	2 day (16 hours) <i>Virtual course available, please contact us for more details.</i>		
No. Instructors	1 (1:40)		
Prerequisites	None		
Certifications/Permits/Licenses	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	California Fire & Rescue Training Authority (CFRTA), California Specialized Training Institute (CSTI), Industrial Emergency Council, RW Jones & Associates		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ Tables and chairs</li><li>▪ Whiteboard</li><li>▪ A/V equipment</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ LCD projector</li><li>▪ Computer</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ All printed course materials</li></ul>		
Schedule of Events	<b>DAY 1</b>		
<i>(Estimate)</i>	Unit 1	8 hours	Introduction
	Unit 2		Analyzing the Incident
	Unit 3		Planning the Response
	<b>DAY 2</b>		
	Unit 4	8 hours	Implementing the Planned Response
	Unit 5		Evaluating Progress
	Unit 6		Terminating the Incident
	Unit 7		Debriefing
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## HazMat Awareness and Operations

### Course Description

The Hazardous Materials Awareness level training is designed in compliance with NFPA 472, OSHA 29, CFR 1910.120, EPA 40 and DOT. All requirements of performance meet the guidelines set forth by NFPA, OSHA and other governing bodies. This course will cover hazardous materials responses, specifically in identification, notification and scene security until further trained responders arrive on scene. Students will demonstrate the ability to identify a hazardous materials incident, evacuate and secure the scene and notify the proper authorities.

### Performance Objectives

<b>Max Students/Course</b>	25
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	4 (4:25)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	L2 Defense
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Boots</li> <li>Gloves</li> <li>Long/short sleeve T-shirt</li> <li>Long Pants</li> <li>Level C Training Suit</li> <li>Hydration</li> <li>Eye Protection</li> <li>Classroom</li> <li>Outdoor training facility</li> <li>Hazmat gear</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Books</li> <li>Outlines</li> <li>Classroom materials</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Books</li> <li>Outlines</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## HazMat First Responder Operations

### Course Description

To train persons to recognize a hazardous materials incident and implement actions to protect themselves, the public, the environment, and nearby property while responding in a defensive fashion. The FRO will learn to contain the release from a safe distance, keep it from spreading, and prevent exposures.

### Performance Objectives

Upon completion, the student will be able to respond as part of the emergency mitigation process to protect nearby persons, the environment and property of the harmful effects of a hazardous substance release. The FRO's purpose is to contain, isolate, conduct ID and hazard assessment in a defensive fashion, select the proper PPE for use and conduct decontamination.

<b>Max Students/Course</b>	30		
<b>Duration</b>	2 days (16 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Cal OES approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Industrial Emergency Council		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>AV capability</li> <li>White board</li> <li>Easels</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Projector</li> <li>Laptop</li> <li>Easel pads</li> <li>Markers</li> <li>Wall posters</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0830	Welcome and Course Overview
		0830 – 0930	Hazmat Laws, Regulations, and Plans
		0930 – 0945	Break
		0945 – 1015	Introduction to Haz Mat at the FRO Level
		1015 – 1115	Hazardous Materials Recognition and Safety
		1115 – 1200	Safety, Isolation and Notifications
		1200 – 1300	Lunch
		1300 – 1430	Introduction to Incident Command
		1430 – 1445	Break
		1445 – 1700	Identification, Hazard Assessment and Action Planning
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Review
		0830 – 0930	Protective Equipment and First Responder Limitations
		0930 – 0945	Break
		0945 – 1030	Hazmat Release Countermeasures
		1030 – 1130	Protective Actions
		1130 – 1230	Lunch



1230 – 1330	Decon, Disposal, and Documentation
1330 – 1345	Break
1345 – 1500	First Responder Exercise
1500 – 1700	Exam, Evals, and Graduation
<b>Total Time</b>	16 hours (approx.)

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## HazMat Incident Commander

### Course Description

This course provides the tools a person needs to assume control of an emergency response to a hazardous materials incident. It focuses on legal and practical requirements to safely and competently manage a hazardous materials incident. Instructional methods include class activities, case studies, and tabletop exercises with emphasis on hands on decision making.

### Performance Objectives

Identify the tools needed to assume control of an emergency response to a hazardous materials incident.

<b>Max Students/Course</b>	40		
<b>Duration</b>	2 day (16 hours) <i>Virtual course pending, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:40)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>HazMat FRO</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), California Specialized Training Institute (CSTI)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 40 students</li> <li>Tables and chairs</li> <li>Whiteboard</li> <li>A/V equipment</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>LCD projector</li> <li>Computer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	8 hours	HazMat Laws
	Unit 2		Incident Command System
	Unit 3		Hazard Assessment
	<b>DAY 2</b>		
	Unit 4	8 hours	HazMat Site Safety
	Unit 5		Risk Management
	Unit 6		Protective actions
	Unit 7		Incident Termination
<b>Total Time</b>		16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## HazMat Specialist 1F

### Course Description

Introduction to Field "ID" of Hazardous Materials, Demonstration of Field "ID" of Hazardous Materials as well as Field Identification of Chemical Unknowns Lab, Basic, and Intermediate.

### Performance Objectives

This course is all hands on for the students as they work with the instructors through the procedures for identifying unknown hazardous materials / chemicals in a lab and field settings. Rail Car Assessment, Rail Car repair tools, equipment for General Service, Chlorine, Pressure, Acid, New Midland Dome Repair kits, Midland dome configuration and valves, MC306/DOT, 406 Stinger Operations, and Air Monitoring.

<b>Max Students/Course</b>	30		
<b>Duration</b>	4 days (36 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>HazMat Technician Module D</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Cal OES approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Industrial Emergency Council		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>AV capability</li> <li>White board</li> <li>Easels</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Projector</li> <li>Laptop</li> <li>Easel pads</li> <li>Markers</li> <li>Wall posters</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1830</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0900	Introductions & Registrations
		0900 – 1030	Chemical & Physical Properties, Instrument Review
		1030 – 1230	DOT 406 Gas Tanker Walk Around
		1230 – 1300	Lunch
		1300 – 1500	Gasoline Tanker Ch. 7 Lecture & Monitoring SOG and Checklist
		1500 – 1700	Gasoline Tanker Roll Over Exercise
		1700 – 1830	Rail Car Review
	<b>DAY 2</b>	<b>0800 – 1830</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Review & Set Up
		0900 – 0930	Safety & Protection
		0930 – 1200	Field Chemical Identification
		1200 – 1230	Lunch
		1230 – 1500	Field Chemical Identification (Ch.3) / Advanced Field Scenarios with IR/Buckets
		1500 – 1700	Clandestine Drug Labs
		1700 – 1830	Rail Car Review

<b>DAY 3</b>	<b>0800 – 1830</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0930	BNSF Rail Cars, Tank Car Review, Fittings & Assessments
	0930 – 1230	50 Minute Stations: #1 Tank Car Fittings, Chlorine C Kit, Midland Kit #2 Chlorine A Kit, patch & plug #3 Chlorine B kit
	1230 – 1300	Lunch
	1300 – 1345	Chemical Suicides
	1345 – 1700	Cylinders and Propane Emergencies
	1700 – 1830	Terrorism CBRNE Agents, Monitoring Equipment, PPE, DECON
<b>DAY 4</b>	<b>0800 – 1830</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Scenario Preparation, Step Off Pad, ISC Review, Equipment Checkout
	1000 – 1130	All scenarios / Obstacle Course
	1130 – 1200	Lunch
	1200 – 1300	Review
	1300 – 1500	Scenarios Continue
	1500 – 1600	Equipment rehab / DECON
	1600 – 1830	Review, Exam, and Student Evaluations
<b>Total Time</b>	<b>36 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## HazMat Specialist 1G

### Course Description

Consists of various scenarios that are conducted to challenge the students from both an ICS Management Position and a hands-on offensive control / decontamination team position. All the students training from HM Tech 1A – 1D and HM Spec 1F modules will be challenged from a classroom setting to field scenarios.

### Performance Objectives

This course is hands on for the students as they work with the instructors for identifying unknown hazardous materials / chemicals in a lab and field settings. Rail Car Assessment, Rail Car repair tools, equipment for General Service, Chlorine, Pressure, Acid, New Midland Dome Repair kits, Midland dome configuration and valves, MC306/DOT, 406 Stinger Operations, and Air Monitoring. This class is field scenario driven.

<b>Max Students/Course</b>	30		
<b>Duration</b>	4 days (36 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>HazMat Technician Module D</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Cal OES approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Industrial Emergency Council		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>AV capability</li> <li>White board</li> <li>Easels</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Projector</li> <li>Laptop</li> <li>Easel pads</li> <li>Markers</li> <li>Wall posters</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1830</b>	<b>Classroom Lecture and Practical Exercises</b>
<i>(Estimate)</i>		0800 – 0900	Registration & Orientation, Safety briefing
		0900 – 1030	Review of ICS Forms and Medical Monitoring
		1030 – 1230	Scenario 1. 150 lb. Cl <sub>2</sub> release indoors with a rescue
		1230 – 1300	Lunch
		1300 – 1500	Scenario 2. Acid Rail Car leak – bottom outlet
		1500 – 1700	Scenario 3. Propane Car leak from Liquid Valve
		1700 – 1830	Post incident analysis – equipment cleanup
	<b>DAY 2</b>	<b>0800 – 1830</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Review & Set Up
		0900 – 1030	Scenario 4. Abandon Drums - sampling
		1030 – 1200	Scenario 5. 1000-gallon fuel leak – Vetter's
		1200 – 1230	Lunch
		1230 – 1500	Scenario 6. Cl <sub>2</sub> Rail Car Relief Valve leak – C Kit
		1500 – 1700	Scenario 7. Clandestine Drug Labs
		1700 – 1830	Post incident analysis – equipment cleanup

<b>DAY 3</b>	<b>0800 – 1830</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	Review & Set Up
	0900 – 1230	Scenario 8. Multiple Cylinder leaks
	1230 – 1300	Lunch
	1300 – 1500	Scenario 9. Victim Rescue / Recovery w/HF Gas Leaks
	1500 – 1700	Scenario 10. Caustic Soda Drum Leak
	1700 – 1830	Post incident analysis – equipment cleanup
<b>DAY 4</b>	<b>0800 – 1830</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	Review & Set Up
	0900 – 1130	Scenario 11. Obstacle Course – 150 lb. and Pipe
	1130 – 1200	Lunch
	1200 – 1500	Scenarios 12. Sabotaged Pipe Prop w/ multiple leak
	1500 – 1600	Equipment Rehab
	1600 – 1830	Review, Documentation, and Student Evaluations
<b>Total Time</b>	<b>36 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Hazmat Technician

### Course Description

In this course, the student will gain understanding of what hazardous substances are and the risks associated with them in an incident. Students will learn and understand the potential outcomes associated with an emergency created when hazardous substances are present as well as the ability to recognize the presence of hazardous substances in an emergency. They will also learn the ability to identify the hazardous substances, if possible. The student will understand the role of the First Responder Awareness individual in the employer's Emergency Response Plan, including Site Security and Control and the U.S. Department of Transportation's Emergency Response Guidebook (ERG).

### Performance Objectives

Students will learn and understand the potential outcomes associated with an emergency created when hazardous substances are present as well as the ability to recognize the presence of hazardous substances in an emergency.

<b>Max Students/Course</b>	25
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	4 (4:25)
<b>Prerequisites</b>	Hazardous Materials Awareness & Operations
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Industrial Emergency Council, L2 Defense
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Boots</li> <li>Gloves</li> <li>Long/short sleeve T-shirt</li> <li>Long Pants</li> <li>Level C Training Suit</li> <li>Hydration</li> <li>Eye Protection</li> <li>Classroom</li> <li>Outdoor training facility</li> <li>Hazmat gear</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Books</li> <li>Outlines</li> <li>Classroom materials</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Books</li> <li>Outlines</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## HazMat Technician Module A

### Course Description

This class is an intense, one-week overview of basic chemistry, and how that chemistry affects the hazardous materials response. The Periodic Table of the elements forms the foundation for this educational and instructive class. Lecture only – 40 hours.

### Performance Objectives

This course will provide the student with a fundamental knowledge of basic chemistry. This foundation in basic chemistry is needed for the next phases of Hazmat Technician training. The course enables the student to understand and complete further training in hazardous materials response. Understanding basic chemical concepts will give the student the skills that are necessary to assess the hazards at a hazmat incident and analyze the risks of responding to that incident.

<b>Max Students/Course</b>	30		
<b>Duration</b>	5 days (36 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>HazMat First Responder Operations</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Cal OES approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Industrial Emergency Council		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>AV capability</li> <li>White board</li> <li>Easels</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Projector</li> <li>Laptop</li> <li>Easel pads</li> <li>Markers</li> <li>Wall posters</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<i>(Estimate)</i>		0800 – 0830	Welcome and Course Overview
		0830 – 0930	The Classification of Matter
		0930 – 1130	Atomic Structure & the Periodic Table
		1130 – 1200	Review
		1200 – 1300	Lunch
		1300 – 1400	Chemical Demos
		1400 – 1630	Chemical Bonding
		1630 – 1700	Review
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Chemical Bonding (Cont.)
		0900 – 1130	Hydrocarbons & Isomers
		1130 – 1200	Review
		1200 – 1300	Lunch
		1300 – 1400	Chemical Demos
		1400 – 1600	Hydrocarbon Derivatives
		1600 – 1700	Review

<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Physical and Chemical Properties
	1000 – 1130	Explosives – DOT Class 1
	1130 – 1200	Review
	1200 – 1300	Lunch
	1300 – 1400	Chemical Demos
	1400 – 1500	Gases – DOT Class 2
	1500 – 1630	Flam. Liquids & Solids – DOT Classes 3 & 4
	1630 – 1700	Review
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	Oxidizers & Organic Peroxides – DOT Class 5
	0900 – 1000	Poisons - DOT Class 6
	1000 – 1130	Radioactive Materials – DOT Class 7
	1130 – 1200	Review
	1200 – 1300	Lunch
	1300 – 1330	Chemical Demos
	1330 – 1430	Corrosives – DOT Class 8
	1430 – 1500	Miscellaneous Dangerous Goods – DOT Class 9
	1500 – 1630	Introduction to Toxicology
	1630 – 1700	Review
<b>DAY 5</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0930	Hazard Assessment and Risk Analysis
	0930 – 1030	Final Review
	1030 – 1130	Final Examination
	1130 – 1200	Course Close and Graduation
<b>Total Time</b>	<b>36 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## HazMat Technician Module B

### Course Description

Amplifies basic chemistry with an introduction to monitoring/measuring devices, technical referencing, wet chemistry, and toxicology. The didactic and hands-on format serves to instruct students in the nuances of behind-the-front-line operations at a hazardous materials event.

### Performance Objectives

The student will learn to Identify and/or classify unknown material using a field analysis system. The system utilizes classification, identification, and verification of known and unknown materials by using field survey instruments and equipment. They will also learn detection and monitoring to verify the presence of hazardous materials and determine the concentration of hazardous materials in the atmosphere. They will be able to interpret, record and communicate the results of detection and monitoring equipment to others. The student will also learn how to collect and interpret hazard and response information from technical resources, computer databases and monitoring equipment to make key response and mitigation decisions. They will also be able to estimate the likely size of an endangered area using applicable resources and equipment.

<b>Max Students/Course</b>	30		
<b>Duration</b>	5 days (40 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>HazMat Technician Module A</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Cal OES approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Industrial Emergency Council		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>AV capability</li> <li>Safe, well ventilated area for chemical testing</li> <li>White board</li> <li>Easels</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Projector</li> <li>Laptop</li> <li>HazMat kits</li> <li>HazMat monitors</li> <li>Student Safety items</li> <li>Safety aprons</li> <li>Goggles</li> <li>Gloves</li> <li>Student use computers with PEAC-Tech/Ref enabled</li> <li>Easel pads</li> <li>Markers</li> <li>Wall posters</li> <li>Props</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0830	Welcome and Course Overview
		0830 – 0930	Toxicology
		0930 – 1000	Intro to Reference Sources
		1000 – 1030	Technical Reference (Printed/Electronic/Specialists)
		1030 – 1130	Introduction to Atmospheric Monitoring

	1130 – 1230	Lunch
	1230 – 1330	Combustible Gas Indicators
	1330 – 1500	Photoionization Detectors
	1530 – 1700	Radiation Detection Equipment
<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	Review
	0900 – 1000	Colorimetric Tubes
	1000 – 1200	Operational Issues in Atmospheric Monitoring
	1200 – 1300	Lunch
	1300 – 1700	Monitoring Drill – “Buckets”
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	Review
	0900 – 1100	Advanced Detection and Monitoring, CBRNE
	1100 – 1130	Safety and Personal Protection
	1130 – 1230	Lunch
	1230 – 1700	Intro to Field Identification of Unknowns (Basic Tests)
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	Review
	0900 – 1130	Field Identification of Unknowns (Solids)
	1130 – 1230	Lunch
	1230 – 1700	Field Identification of Unknowns (Liquids)
<b>DAY 5</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	Review
	0900 – 1200	Putting it all together – Meters/Tech Ref/HazMat
	1200 – 1300	Lunch
	1300 – 1700	Clean Up/Review/Test/Graduation
<b>Total Time</b>	<b>40 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## HazMat Technician Module C

### Course Description

This class provides the foundation for full field operations. Topics including ICS, medical monitoring, PPE, and weather. Students will learn these through classroom presentation and practical hands-on training.

### Performance Objectives

This week is dedicated to providing the knowledge and tools the student will need to determine the appropriate Personal Protective Equipment (PPE), Zones, Decontamination, medical considerations and other skills necessary for a given incident. Practical application will include plugging and patching a variety of containers including Chlorine tanks and cylinders, drums, pipes and many more.

<b>Max Students/Course</b>	30		
<b>Duration</b>	4 days (36 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>HazMat Technician Module B</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Cal OES approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Industrial Emergency Council		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>AV capability</li> <li>Large area for field training and exercises</li> <li>White board</li> <li>Easels</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Projector</li> <li>Laptop</li> <li>Student use computers with PEAC-Tech/Ref enabled</li> <li>Custom equipment</li> <li>Prop trailer containing all required equipment</li> <li>Easel pads</li> <li>Markers</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0700 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0700 – 0800	Welcome and Course Overview
		0800 – 1000	Review of A & B Week(s)-Systems Approach / Practical Applications
		1000 – 1200	Technical Reference w/ Laptops loaded with PEAC
		1200 – 1300	Lunch
		1300 – 1530	Hazmat Triage, Incident Set-up, Weather
		1530 – 1700	Medical Monitoring & Form
	<b>DAY 2</b>	<b>0700 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0700 – 0900	Review/Table-tops of Medical Monitoring, Tech-Reference, Hazmat Triage, Incident Set-up, Weather
		0900 – 1100	ICS Overview, Hazmat ICS & Forms, & Tabletop Form Exercise
		1100 – 1200	PPE Level A, B, C - Respiratory Protection, Boots, Gloves Selection



	1200 – 1300	Lunch
	1300 – 1400	PPE Level A, B C - Respiratory Protection, Boots, Gloves Selection (Cont.)
	1400 – 1500	Hazmat Decontamination-Lecture
	1500 – 1530	Group 1 – Decontamination Set-up @ Classroom location / Group 2 – Chlorine A Kit
	1530 – 1600	Group 2 – Decontamination Set-up @ Classroom location / Group 1 – Chlorine A Kit
	1600 – 1700	Review & Clean-up
<b>DAY 3</b>	<b>0700 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0700 – 0800	Review
	0800 – 0900	HazMat Team Member Rescue & Role of Back-up Team
	0900 – 1000	Sampling & Evidence Preservation
	1000 – 1130	HM ICS Tabletop w/ ICS Forms & Tech/Ref Material
	1130 – 1200	Current Topics in Haz Mat & Recent Incidents
	1200 – 1300	Lunch
	1300 – 1330	Group 1: Vettors Pneumatic Patching & Other Patches – Drill Yard
	1330 – 1400	Group 2: Drum Familiarization, Sampling & Patching – Drill Yard
	1400 – 1700	Level “A” Obstacle Course - ALL
<b>DAY 4</b>	<b>0700 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0700 – 0730	Review
	0730 – 0800	Group 1 - Bonding & Grounding / Group – 2 Chlorine B Kit
	0800 – 0830	Group 2 - Bonding & Grounding / Group – 1 Chlorine B Kit
	0830 – 1000	Field Exercises Scenarios 1 & 2 (emphasizing set-up, organization, forms, etc.)
	1000 – 1200	Lunch
	1200 – 1300	Scenarios 3 & 4
	1300 – 1430	Common HM Incidents & Incident Review – Classroom
	1430 – 1530	Tabletop Incorporating All Elements Learned
	1530 – 1700	Review, Critiques, Final Exam
<b>Total Time</b>	<b>36 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## HazMat Technician Module D

### Course Description

This class concludes the technician series with classroom and hands-on topics including terrorism, damage assessment, legal framework, regulations, tactical operations, medical monitoring, rescues contingencies, heat stress considerations when wearing CPC/PPE, decontamination, and Level A scenarios. All the skills necessary to take offensive control of hazardous materials incident are taught.

### Performance Objectives

Upon completion of the HMT D Module, the student will be proficient in all of the following skills and tasks; Personal Protective Equipment (PPE), Zones, Decontamination, medical considerations, legal considerations, required forms including the Site Safety Plan (ICS HM208) and other skills necessary for a hazardous materials incident. The student will also be able to identify various fixed facility processes and conduct damage assessments on hazmat delivery systems.

Max Students/Course	30		
Duration	4 days (36 hours)		
No. Instructors	2 (1:15)		
Prerequisites	<ul style="list-style-type: none"><li>▪ HazMat Technician Module C</li></ul>		
Certifications/Permits/Licenses	Cal OES approved		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	Industrial Emergency Council		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 30 students</li><li>▪ Tables and chairs</li><li>▪ AV capability</li><li>▪ Large area for field training and exercises</li><li>▪ White board</li><li>▪ Easels</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Projector</li><li>▪ Laptop</li><li>▪ Student use computers with PEAC-Tech/Ref enabled</li><li>▪ Custom equipment</li><li>▪ Prop trailer containing all required equipment</li><li>▪ Easel pads</li><li>▪ Markers</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ All printed course materials</li></ul>		
Schedule of Events	DAY 1	0800 – 1800	Classroom Lecture and Practical Exercises
(Estimate)		0800 – 0900	Welcome and Course Overview
		0900 – 1030	Railroad Considerations/Highway Considerations
		1030 – 1130	Non-bulk and intermediate bulk containers
		1130 – 1230	Lunch
		1230 – 1330	Damage Assessment
		1330 – 1430	Laws, Regulations, Plans and Legal Considerations
		1430 – 1630	Bulk Storage containers / Alternate Transportation Incidents
		1630 – 1730	Offensive Control Options
		1730 – 1800	Review/Homework/Self study

<b>DAY 2</b>	<b>0800 – 1800</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	Review of Previous Days Materials
	0900 – 1100	ASO/SSP/ASO Exercise
	1100 – 1230	Intermodal Containers/Terrorism
	1230 – 1330	Lunch
	1330 – 1430	Tanker Rollover Stinger Ops. and C kit Overview
	1430 – 1630	Tanker Rollover Stinger Ops and C kit Practical
	1630 – 1730	Clean up and Prepare equipment for next day
	1730 – 1800	Review/Homework/Self study
<b>DAY 3</b>	<b>0800 – 1800</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	Review of Previous Days Materials
	0900 – 1000	Incident Termination
	1000 – 1200	A, B Kit Review/Plug and Patch/Vetter Bags
	1200 – 1300	Lunch
	1300 – 1600	Response Scenario 2 & 3
	1600 – 1700	Clean up and Prepare equipment for next day
	1700 – 1800	Review
<b>DAY 4</b>	<b>0800 – 1800</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	Review of Previous Days Materials
	0900 – 1200	Response Scenarios- 4 & 5
	1200 – 1300	Lunch
	1300 – 1600	Response Scenarios- 6 - final
	1600 – 1800	Review, Critiques, Test
<b>Total Time</b>	<b>36 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## HazMat Weapons of Mass Destruction

### Course Description

This course encompasses an all hazards approach to HazMat WMD incidents including acts of terrorism where WMDs may have been used.

### Performance Objectives

Students will obtain the knowledge to recognize the hazardous materials, protect themselves, notify others and secure the scene.

<b>Max Students/Course</b>	40
<b>Duration</b>	1 day (8 hours) <i>Virtual course pending, please contact us for more details.</i>
<b>No. Instructors</b>	1 (1:40)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Industrial Emergency Council
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 40 students</li> <li>Tables and chairs</li> <li>Whiteboard</li> <li>A/V equipment</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>LCD projector</li> <li>Computer</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 1 day for a total of 8 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Hostage Rescue for Law Enforcement

### Course Description

This course provides officers with the needed skills to conduct hostage rescue in a permissive or non-permissive environment.

### Performance Objectives

Officers will gain knowledge of CQB techniques, target identification and command and control of a hostage rescue situation.

<b>Max Students/Course</b>	30
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	3 (1:10)
<b>Prerequisites</b>	None
<b>Certifications/Permits/ Licenses</b>	Certificate given upon completion
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Defoor Consulting Inc.
<b>Customer/Government- Provided Equipment</b>	<ul style="list-style-type: none"><li>▪ Classroom/training facility for 30 students</li><li>▪ Tables and chairs</li><li>▪ Whiteboard</li><li>▪ A/V equipment</li></ul>
<b>Contractor Provided Equipment</b>	Instructors provide their own: <ul style="list-style-type: none"><li>▪ Gear</li><li>▪ Weapons</li><li>▪ Ammunition</li></ul>
<b>Student Materials</b>	Students much provide their own: <ul style="list-style-type: none"><li>▪ Gear</li><li>▪ Weapons</li><li>▪ Ammunition</li></ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Human Trafficking (HT) Modern-Day Slavery

### Course Description

This 24-hour course highlights one of today's fastest growing criminal enterprises: human trafficking. The course will discuss historical and modern perspectives of trafficking, applicable laws, scope and prevalence of this crime, and emerging domestic and international trends. It will further provide law enforcement and victim service providers with investigatory and trauma informed skills to support the survivor while building a successful case.

### Performance Objectives

- Applicable International, Federal, and State Human Trafficking Laws
- Analysis of Domestic/International Human Trafficking Operations
- Contextual Analysis of the Scope and Breath of Modern-Day Slavery in the State of California and United States
- How to Identify and Report Signs of Potential Trafficking
- Law Enforcement and Victim Services Providers Investigatory Strategies Consistent with a Trauma Informed and Victim Centered Approach

<b>Max Students/Course</b>	30		
<b>Duration</b>	3 days (24 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Pending DHS approval		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ AV capability</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ AV if necessary</li> <li>▪ Easels/easel pads</li> <li>▪ DNA</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0900	Welcome/Opening/Overview
		0900 – 1000	Applicable International, Federal, and State Human Trafficking Laws
		1000 – 1015	Break
		1015 – 1200	Applicable International, Federal, and State Human Trafficking Laws (Cont.)
		1200 – 1300	Lunch
		1300 – 1400	Introduction to Domestic/International Human Trafficking Themes and Operations
		1400 – 1415	Break
		1415 – 1600	Introduction to Domestic/International Human Trafficking Themes and Operations (Cont.)
		1600 – 1700	Day 1 Summary

<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Introduction to the Scope and Breath of Modern-Day Slavery in the State of California and United States
	1000 – 1015	Break
	1015 – 1200	Introduction to the Scope and Breath of Modern-Day Slavery in the State of California and United States (Cont.)
	1200 – 1300	Lunch
	1300 – 1500	How to Identify and Report Signs of Potential Trafficking
	1500 – 1515	Break
	1515 – 1600	How to Identify and Report Signs of Potential Trafficking (Cont.)
	1600 – 1700	Day 2 Summary
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Overview of California’s Law Enforcement and Victim Services Providers
	1000 – 1015	Break
	1015 – 1200	Overview of California’s Law Enforcement and Victim Services Providers (Cont.)
	1200 – 1300	Lunch
	1300 – 1500	Basic Introduction to Trauma Informed Care and a Victim Centered Approach
	1500 – 1515	Break
	1515 – 1630	Basic Introduction to Trauma Informed Care and a Victim Centered Approach (Cont.)
	1630 – 1700	Summary/Closing
<b>Total Time</b>	<b>24 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Human Trafficking Seminar (HTS)/The State of Human Trafficking in California (HTCA)

### Course Description

This 8-hour course is designed to be an introduction to Human Trafficking, its laws and how the State California is currently responding to this emerging threat. The course will provide an overview of applicable laws, California's law enforcement and victim service approach and will highlight case management strategies consistent with a trauma informed care and victim centered approach.

### Performance Objectives

- Applicable International, Federal and State Human Trafficking Laws
- Introduction to Domestic/International Human Trafficking Themes and Operations
- Introduction to the Scope and Breath of Modern-Day Slavery in the State of California and United States
- How to Identify and Report Signs of Potential Trafficking
- Overview of California's Law Enforcement and Victim Services Providers
- Basic Introduction to Trauma Informed Care and a Victim Centered Approach

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Pending DHS approval		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ AV capability</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ AV if necessary</li> <li>▪ Easels/easel pads</li> <li>▪ DNA</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0900	Welcome/Opening/Overview
		0900 – 1000	Applicable International, Federal and State Human Trafficking Laws
		1000 – 1015	Break
		1015 – 1200	Introduction to Domestic/International Human Trafficking Themes and Operations
		1200 – 1300	Lunch
		1300 – 1400	Introduction to the Scope and Breath of Modern-Day Slavery in the State of California and United States
		1400 – 1415	Break
		1415 – 1500	How to Identify and Report Signs of Potential Trafficking
		1500 – 1600	Overview of California's Law Enforcement and Victim Services Providers
		1600 – 1700	Basic Introduction to Trauma Informed Care and a Victim Centered Approach
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## i2 Analyst Notebook

### Course Description

Analyst Notebook helps analysts and investigators discover networks, patterns, and trends from volumes of data from multiple sources. This course provides an in-person consultant/trainer to review and assess agency needs, followed by agency-specific, task-specific, customize training to select personnel.

### Performance Objectives

Upon completion of this course attendees will be able to better utilize database driven applications within i2 and its components to meet agency goals and operational objectives.

Max Students/Course	40																					
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>																					
No. Instructors	2 (1:30)																					
Prerequisites	None																					
Certifications/Permits/Licenses	Cal OES Approved																					
Course Cost	Please contact SenseMakers LLC																					
Course Vendor(s)	Police Technical																					
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ LCD Projector or flatscreen</li><li>▪ Lighting controls</li><li>▪ Podium</li><li>▪ Classroom seating</li><li>▪ Student laptop with Excel 2013 or higher</li></ul>																					
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>																					
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li><li>▪ Certificate of completion</li><li>▪ Access to post-class online materials</li></ul>																					
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>1200 – 1300</td><td>Lunch</td></tr><tr><td>DAY 2</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>1200 – 1300</td><td>Lunch</td></tr><tr><td>Total Time</td><td>16 hours (approx.)</td><td></td></tr></table>	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises		0800 – 1700	Classroom Lecture and Practical Exercises		1200 – 1300	Lunch	DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises		0800 – 1700	Classroom Lecture and Practical Exercises		1200 – 1300	Lunch	Total Time	16 hours (approx.)	
DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises																				
	0800 – 1700	Classroom Lecture and Practical Exercises																				
	1200 – 1300	Lunch																				
DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises																				
	0800 – 1700	Classroom Lecture and Practical Exercises																				
	1200 – 1300	Lunch																				
Total Time	16 hours (approx.)																					
(Estimate)																						

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## ICS 100: Introduction to the Incident Command System

### Course Description

This 8-hour course provides training and resources for first-responder personnel who require an introduction to the Incident Command System. The course is designed to enable personnel to operate efficiently during an incident or event within the ICS, SEMS, and NIMS.

### Performance Objectives

- Identify the requirements to use ICS
- Identify three purposes of ICS
- Identify common incident tasks
- Describe the basic features of ICS
- Describe the role and function of the Incident Command and Command Staff
- Describe the role and function of the Operations, Planning, Logistics, and Finance/Administration sections
- Describe the six basic ICS facilities
- Identify facilities that may be located together
- Identify facility map symbols
- Describe common mobilization responsibilities
- Describe common responsibilities at an incident
- Describe common demobilization responsibilities

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Integrated Solutions Consulting, Mozaik Solutions, Preparative Consulting		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<i>(Estimate)</i>		0800 – 0830	Course Introduction
		0830 – 0930	Introduction to ICS
		0930 – 0945	Break
		0945 – 1030	ICS Organization (through the Operations Section)
		1030 – 1115	Tabletop Exercise #1
		1115 – 1200	ICS Organization (through Finance & Admin Section)
		1200 – 1300	Lunch
		1300 – 1400	Tabletop Exercise #2
		1400 – 1415	Break
		1415 – 1445	ICS Facilitation

	1445 – 1515	Tabletop Exercise #3
	1515 – 1545	Common Responsibilities
	1545 – 1630	Tabletop Exercise #4
	1630 – 1700	Final Exam
	<b>Total Time</b>	8 hours (approx.)

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## ICS 200: Basic Incident Command System for Initial Response

### Course Description

This 8-hour course provides training and resources for first-responder personnel who require a basic understanding of the Incident Command System (ICS). The course is designed to expand upon information covered in the ICS 100 (Introductory) Course and enable personnel to operate more efficiently during an incident or event within the ICS, SEMS, and NIMS.

### Performance Objectives

- Leadership and Management
  - Describe the chain of command and formal communication relationships
  - Identify common leadership responsibilities
  - Describe span of control
  - Describe modular development of the organization
  - Describe the use of position titles
- Delegation of Authority and Management by Objectives
  - Describe scope of authority
  - Describe the process by which authority is delegated
  - Describe and explain management by objectives
- Functional Areas and Positions
  - Identify the ICS tools to manage an incident
  - Demonstrate the function of organizational positions within ICS
  - Demonstrate the use of an ICS 201 form
- Briefings
  - Give an operational briefing
  - Describe components of field, staff, and section briefings/meetings
- Organizational Flexibility
  - Explain how the modular organization expands and contracts
  - Complete a complexity analysis given a specific scenario
  - Define the five types of incidents
  - Describe the importance of preparedness plans and agreements
- Transfer of Command
  - List the essential elements of information involved in transfer of command
- Describe a transfer-of-command process

<b>Max Students/Course</b>	30
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1:15)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ ICS 100 – An Introduction to the Incident Command System</li> </ul>
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Industrial Emergency Council, Integrated Solutions Consulting, Mozaik Solutions, Preparative Consulting
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>

<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<i>(Estimate)</i>		0800 – 0830	Course Introduction
		0830 – 0915	Leadership and Management
		0915 – 0930	Break
		0930 – 1045	ICS Organization
		1045 – 1200	Tabletop Exercise #1
		1200 – 1300	Lunch
		1300 – 1415	Tabletop Exercise #2
		1415 – 1430	Break
		1430 – 1500	Organizational Flexibility
		1500 – 1600	Tabletop Exercise #3
		1600 – 1700	Final Exam
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## ICS 300: Intermediate Incident Command System for Expanding Incidents

### Course Description

This course provides description and detail of the Incident Command System (ICS) organization and operations in supervisory roles on expanding Type 3 incidents. Topics include: ICS fundamentals review, incident/event assessment and agency guidance in establishing incident objectives, Unified Command, incident resource management, planning process, demobilization, transfer of command and close out.

### Performance Objectives

Students will be able to demonstrate through activities and a final exam the duties, responsibilities, and capabilities of an effective ICS in expanding incidents.

<b>Max Students/Course</b>	30		
<b>Duration</b>	3 day (24 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>ICS 100 – An Introduction to the Incident Command System</li> <li>ICS 200 – Basic Incident Command System for Initial Response</li> </ul>		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), California Fire & Rescue Training Authority (CFRTA), Constant and Associates, Elite Command Training, Industrial Emergency Council, Integrated Solutions Consulting, Mozaik Solutions, Preparative Consulting, Whiskey Tango Solutions, Wiland Associates		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Projector and screen</li> <li>Lapel microphone or hand-held microphone</li> <li>Connection cables (HDMI and VGA) for projection system</li> <li>Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Thumb drive</li> <li>Slide advancer</li> <li>Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>Total Time</b>	24 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## ICS 400: Advanced Incident Command System Command and General Staff - Complex Incidents

### Course Description

This 16-hour course provides training and resources for personnel who require advanced understanding and application of the Incident Command System (ICS). This course expands upon information covered in the ICS 300 course.

### Performance Objectives

- Command & General Staff
  - Describe the primary guidelines and responsibilities of the Command and General Staff positions
  - List the four expansion options for incident / event organization and describe their application
- Planning
  - List the major steps involved in the planning process
  - Describe issues that influence incident complexity and available analysis tools
  - List the primary factors affecting major and/or complex incidents and events
- Unified Command
  - Describe how Unified Command functions in a multi-jurisdictional or Multi-agency incident
  - Demonstrate a knowledge of unified command structure and operations
- Area Command
  - Define and list the principal advantages of area command
  - Describe how, where, and when area command would be established
  - Describe area command organization
  - Identify six primary functions of area command
- Multi-Agency Coordination
  - Describe the kinds of incident / event management problems that can occur due to a lack of Multi-agency coordination
  - Identify the major guidelines for establishing and using MAC groups and systems and their primary components
  - List the responsibilities of key elements with MAC
  - Describe organizational relationships among area command, unified command, multi-entity coordination systems, and emergency operations centers

<b>Max Students/Course</b>	30
<b>Duration</b>	2 day (16 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1:15)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ ICS 100 – An Introduction to the Incident Command System</li> <li>▪ ICS 200 – Basic Incident Command System for Initial Response</li> <li>▪ ICS 300 – Intermediate Incident Command System for Expanding Incidents</li> </ul>
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), California Fire & Rescue Training Authority (CFRTA), Constant and Associates, Elite Command Training, Industrial Emergency Council, Integrated Solutions Consulting, Mozaik Solutions, Preparative Consulting, Whiskey Tango Solutions, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>

<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>Total Time</b>	<b>16 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## ICS 402: Basic Incident Command System for Executive Staff

### Course Description

Upon completion of this course, students will be able to explain the role of the Executive, Senior Official, or Elected Official within an emergency response or recovery using the Standardized Emergency Management System.

### Performance Objectives

- Explain the History and Principles of the Incident Command System
- Explain the History and Principles of the Standardized Emergency Management System
- Explain the History and Principles of the National Incident Management System
- Explain the purpose of Emergency Operations Centers
- Explain the purpose of the MAC Group
- Explain the Role of the Executive, Senior Official, or Elected Official in emergency response or recovery

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ G606 – An Introduction to the Standardized Emergency Management System</li> <li>▪ ICS 100 – An Introduction to the Incident Command System</li> <li>▪ IS 700 – An Introduction to the National Incident Management System</li> </ul>		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Constant and Associates, Preparative Consulting		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0830	Course Introduction
		0830 – 0915	Unit 2: Incident Command System (ICS)
		0915 – 0945	Standardized Emergency Management System (SEMS)
		0945 – 1015	National Incident Management System (NIMS)
		1015 – 1040	Emergency Operations Center (EOC)
		1040 – 1110	Multi-Agency Coordination Group (MAC)
		1110 – 1145	Role of the Executive
		1145 – 1200	Course Summary
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## IED Electronic Design and Defeat

### Course Description

The Worst-Case Scenario for a Bomb or Hazardous Device Technician is a Category “A” or Life-Threatening calls where the device or the people can be separated, and the Technician must go hands-on with the IED. Examples of these types of devices are Hostage Devices, IED involving critical infrastructure where a detonation would threaten or kill many lives.

### Performance Objectives

- Understand in the complex workings of the Fluke 87 multi meter
- Have a safe working knowledge of how to solder properly
- Understand EOD Electronic theory to include: The Difference in conductors, Ohms Law, Circuit Mathematics (resistors and batteries in series and parallel)
- Have a working knowledge of the common types of batteries used in IED’s by criminal and terrorist bomb makers throughout the world
- Have a working knowledge of Schematic Symbols and how to read an electronic schematic
- How to construct IED Circuits. In the 5 Day course the EOD Technician will build 16 IED Circuits that include circuits at are being used by terrorist groups worldwide
- The Bomb Technician will learn how to use off the shelf Items such as Cellphone, Digital Timers and 2 Way Radios to arm and or trigger an IED circuit

Max Students/Course	24		
Duration	5 days (40 hours)		
No. Instructors	3 (1:7)		
Prerequisites	<ul style="list-style-type: none"><li>▪ HDS or Nav School EOD</li></ul>		
Certifications/Permits/Licenses			
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	WMDTech		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 24 students</li><li>▪ Tables and chairs</li><li>▪ Projector</li><li>▪ Screen</li><li>▪ Power to each workstation for Computer Soldering Stations (soldering station are 60 watts same as a 60 watt light bulb)</li><li>▪ Fluke 87 multi meter with probes per person (WMDTech can provide 10 Training Flukes for use in the course)</li><li>▪ 6 lead set of WASPP or Easy Hooks per Team (a team is two bomb technicians WMDTech can provide 30 training Easy Hooks and 24 WASPP probes)</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Training Fluke 87 or 88 Meters (not left behind)</li><li>▪ Training third had Systems (not left behind)</li><li>▪ Soldering Stations</li><li>▪ Wire Attack Boxes and associated cables (not left behind)</li><li>▪ Circuit parts kits for each student to include hook up wire and solder (Given to each student)</li><li>▪ Electronic Kit per student (Given to each student)</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ Handouts</li><li>▪ Course Certificates</li></ul>		
Schedule of Events	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises
		0800 – 0900	Introduction
		0900 – 1200	The Fluke 87 Meter Inside and Out

	1200 – 1300	Lunch
	1300 – 1700	Soldering
<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Circuit Construction Electronic Components
	1000 – 1200	Circuit Construction Circuits using SCR's
	1200 – 1300	Lunch
	1300 – 1500	Circuit Construction Circuits using Mosfett's
	1500 – 1700	Circuit Construction Circuits using Photo Cell
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture, Practical Exercises</b>
	0800 – 1000	Circuit Construction Circuits using 555 Timer
	1000 – 1200	Circuit Construction Circuits using IR Reliever and Transmitter
	1200 – 1300	Lunch
	1300 – 1500	Circuit Construction Circuits using Op Amps
	1500 – 1700	Circuit Construction Circuits using Piezo Tabs
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Circuit Construction Multi-Function Circuits
	1200 – 1300	Lunch
	1300 – 1700	Circuit Construction Multi-Function Circuits
<b>DAY 5</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Wire Diagnostic Methodology
	1000 – 1200	Wire Access Considerations
	1200 – 1300	Lunch
	1300 – 1400	Voltage Checks
	1400 – 1600	Wire diagnostic Practical Exercise
	1600 – 1700	Review & Certificate Presentation
<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## IED Micro Processor

### Course Description

Micro Processor Design and Defeat has been around in complicated fashions for a while and used in a number of different IED types from dual tone modulation to counter circuits. What has changed is the ready availability of the Microprocessor types and the ease in which they can be programmed. There are millions of people online sharing codes and ideas. Some devices are built with recreational uses in mind that can be easily adapted to IED's.

### Performance Objectives

- Understand the different and popular types of microprocessors commonly used throughout the world
- Gain a working knowledge of how sensors, digital and analog switches are combined with microprocessor in IED circuitry
- Gain a working knowledge of how to load prewritten widely shared code to combine the microprocessor with sensors and switches to make sophisticated IED's
- Be exposed to the common codes and how to write them in use with these microprocessors for IED circuits

<b>Max Students/Course</b>	24		
<b>Duration</b>	5 days (40 hours)		
<b>No. Instructors</b>	3 (1:7)		
<b>Prerequisites</b>	HDS or Nav School EOD		
<b>Certifications/Permits/Licenses</b>			
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	WMDTech		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 24 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector</li> <li>▪ Screen</li> <li>▪ Power to each workstation for Computer Soldering Stations (soldering station are 60 watts same as a 60 watt light bulb)</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Field Guide per participant</li> <li>▪ Circuit parts kits for each student</li> <li>▪ Training Fluke 87 Meters (not left behind)</li> <li>▪ Training Third had Systems (not left behind)</li> <li>▪ Soldering stations (not left behind)</li> <li>▪ Rolls Hookup wire per student</li> <li>▪ Electronic Kit per student (Given to each student)</li> <li>▪ Custom Perma Proto solder board to build reference circuits</li> <li>▪ Sensor modules for integration with the microprocessors per student</li> <li>▪ Micro Mini 328 Processor kit that are bread board compatible per student</li> <li>▪ Micro Processor IED Sensors kit per student</li> <li>▪ Training Laptops for code writing</li> <li>▪ Battery power supplies for the Micro Processor and sensors</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Handouts</li> <li>▪ Course Certificates</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Introduction
		0900 – 1100	Current Trends in Microprocessors
		1100 – 1200	Microprocessor Theory

	1200 – 1300	Lunch
	1300 – 1700	Microprocessor Theory
<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Microprocessor control of digital and analog inputs
	1200 – 1300	Lunch
	1300 – 1700	Microprocessor control of digital and analog inputs
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture, Practical Exercises</b>
	0800 – 1200	Wireless control of Microprocessors within an IED
	1200 – 1300	Lunch
	1300 – 1500	Loading prewritten code to Microprocessors
	1500 – 1700	Unique training aids built with Microprocessors
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Writing code for Arduino based Microprocessors
	1200 – 1300	Lunch
	1300 – 1700	Writing code for Arduino based Microprocessors
<b>DAY 5</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Practical Microprocessor Code Writing Exercise Step by Step
	1000 – 1200	Practical Microprocessor Code Writing Exercise Free Form
	1200 – 1300	Lunch
	1300 – 1600	Practical Microprocessor Code Writing Exercise Free Form (Cont.)
	1600 – 1700	Review & Certificate Presentation
<b>Total Time</b>	<b>40 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Implementing and Maintaining Secure Remote and Mobile Computing

### Course Description

End users have become targets of Advanced Persistent Threats and social engineering perpetrated by terrorists and other bad actors. The locations of information assets have grown from behind the firewall to employee homes, travel, and mobile devices. This course will provide methods for enhancing information and communications security in remote and mobile environments. It will focus on Windows computing environments and iOS and Android mobile operating systems. It will discuss issues with remote endpoint security, authentication, access controls, virtual private networks, remote access systems, home networks, computers, modems and routers, network management, application configuration and updates, and mobile device and application management. The course will be taught by live instruction or in-person with additional training materials.

### Performance Objectives

Students will gain an awareness of issues in remote and mobile computing and skills in dealing with several of these issues in the Windows, iOS, and Android environments. They will be introduced to Microsoft network and mobile device management systems and how they address remote and mobile security issues.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (3 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS & Cal OES approval will be acquired prior to grant-supported course delivery		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Filler Security Strategies Inc.		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Computers per person</li> <li>Headphones or speakers</li> <li>Internet Access</li> <li>Video camera (optional)</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Computer</li> <li>Headphones or speakers</li> <li>Internet Access</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Digital course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1100</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Introduction to remote and mobile security issues; Configuring the organizational network for remote and mobile computing
		0900 – 1000	Supporting home and remote computing environments
		1000 – 1100	Supporting mobile computing environments
	<b>Total Time</b>	3 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – ten (10) minute break



## Implementing Email, Social Engineering, and Phishing Security

### Course Description

Terrorists and other malicious actors employ several kinds of email exploits to intercept email and introduce malware. They use phishing and spear phishing to introduce malware and acquire email credentials. This course will describe controls applicable to email systems, and products for Microsoft Office 365 and Exchange systems. Controls will include email attachment sandboxing, Domain-Based Message Authentication, Reporting and Conformance (DMARC), blocking unnecessary file types, disabling plug-ins, and scripting languages, patching and other techniques. Products will include advanced threat protection, message encryption, and data loss prevention. It will also cover end-user training and testing in order to increase resistance to phishing and other forms of social engineering. The course will be taught by live online instruction or in-person with additional training materials.

### Performance Objectives

Students will become familiar with email security controls and how to implement them, They will become aware of products to enhance email security in a Windows environment, which will also serve as examples of services which can be found for other operating systems. Students will also learn how to simulate phishing attacks, test users, analyze test results and provide appropriate remedial training.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (3 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS & Cal OES approval will be acquired prior to grant-supported course delivery		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Filler Security Strategies Inc.		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Computers per person</li> <li>Headphones or speakers</li> <li>Internet Access</li> <li>Video camera (optional)</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Computer</li> <li>Headphones or speakers</li> <li>Internet Access</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Digital course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1100</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Email Exploits; Controls for Email Protection
		0900 – 1000	Advanced Threat Protection, message encryption and data loss prevention
		1000 – 1100	Phishing Simulation, Testing, and Training
	<b>Total Time</b>	3 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – ten (10) minute break



## IMS 650: Jurisdictional Crisis Incident Management – Incident Command Post (JCIM-ICP)

### Course Description

This course focuses on incident management skills, staff responsibilities, and the related situational awareness and decision-making skills using a computer-driven training simulation to offer a challenging decision-making environment in an expanding complex incident. The course uses a team approach, focusing on the processes used while working in an Incident Command Post (ICP) and the key decision-making requirements within that response node. The Incident Management Team (IMT) will learn the cause and effects of incident decisions while working in an ICP and responding to simulated, notional exercises. The final exercise can be tailored using the jurisdictions map and resource data, providing the unique opportunity to respond to a specific location selected by the jurisdiction. The course is delivered (resident) in the world-class National Emergency Response and Rescue Training Center/Emergency Operations Training Center (NERRTC/EOTC) in College Station, Texas. The instructional team consists of coaches and mentors experienced in emergency management and incident response. The course uses a multi-discipline, jurisdictional approach to accomplish the course objectives. Each staff position is integrated into a unified command structure that teaches management processes and procedures to respond to all-hazards incident. The overall incident management structure used in the course is based on the National Incident Management System (NIMS) and the National Response Framework (NRF), and is certified by the Department of Homeland Security/Federal Emergency Management Agency (DHS/FEMA) Training and Exercise Integration Division.

### Performance Objectives

- Participants will be able to describe the primary processes utilized by the incident responders to support and coordinate the incident response efforts
- Participants will be able to operate within an Incident Command Post (ICP) while describing the structure of a unified command system and the organization used to support the response to a simulated large-scale incident within a local context
- Participants will be able to distinguish how critical areas of managing and all-hazards, high consequence incident response are applied in practice
- Identify the steps in the incident response planning process
- Identify a process for managing information
- Identify a process for acquiring and managing resources
- Discuss the decision-making process and how it applies throughout the life cycle of an incident
- Demonstrate the ability to execute the steps in the incident response planning process specific to the local context
- Demonstrate the ability to develop and maintain situational awareness at an ICP level as it pertains to the local jurisdiction
- Demonstrate the ability to effectively manage information internal and external to the ICP within the local context
- Demonstrate the ability to acquire and effectively manage resources in support of a large-scale incident that impacts the local community and/or region
- Determine logistical and financial needs for response operations for the local jurisdiction
- Demonstrate the ability to perform decision making in the ICP in conjunction with large-scale incident response based on the specific jurisdiction
- Analyze how decisions affect the outcome in an all-hazard, high consequence incident response (After-Action Review [AAR])
- Analyze the relationships between planning, resource coordination, and information management (AAR)
- Compare the concepts employed during the course to those strategies and methods employed in an actual response at an Incident Command Post (ICP) (case study)

<b>Max Students/Course</b>	40
<b>Duration</b>	4 days (28 hours)
<b>No. Instructors</b>	2 (1:20)
<b>Prerequisites</b>	Mandatory: As defined by the jurisdiction Recommended: Completion of the following: NERRTC Incident Management/Unified Command (IM/UC) course, FEMA Intermediate Incident Command System Course or higher course, or equivalent course that trains Incident Management and Unified Command



<b>Certifications/Permits/Licenses</b>	Pending DHS and Cal OES Approval		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	L2 Defense		
<b>Customer/Government-Provided Equipment</b>	None		
<b>Contractor Provided Equipment</b>	Texas A&M Engineering Extension Service (TEEX), Emergency Operations Training Center (EOTC), Disaster City®, in College Station, Texas. Simulation computers and software, travel cost for instructors and participants within GSA per diem rates, training supplies.		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Participant manual</li> <li>▪ Coast Guard IMH</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0900	Opening Remarks/Introductions/Administrative Matters
		0900 – 1030	ICP Processes
		1030 – 1200	Introduction to the EOTC Simulation
		1200 – 1300	Lunch
		1300 – 1400	Introduction to the Decision-Making Exercises
		1400 – 1700	Decision-Making Exercise #1
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Decision-Making Exercise #2
		1200 – 1300	Lunch
		1300 – 1700	Decision-Making Exercise #3
	<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Decision-Making Exercise #4
		1200 – 1300	Lunch
		1300 – 1700	Decision-Making Exercise #4 (Cont.)
	<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Wrap up
		0900 – 0930	After Action Pearls of Wisdom
		0930 – 1100	Case study
		1100 – 1200	Course completion and departure
	<b>Total Time</b>	28 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (1 – ten (10) minute break after each module) each day



## IMS 655: Jurisdictional Crisis Incident Management – Emergency Operations Center (JCEM-EOC)

### Course Description

This course uses a team approach, focusing on the processes used while operating in an Emergency Operations Center (EOC) and the key decision-making requirements within that response node. The jurisdictional team will learn from the effects of management decisions while working in an EOC and responding to simulated, notional exercises. The final exercise can be tailored using the jurisdictions map and resource data, providing the unique opportunity to respond to a specific location and incident selected by the jurisdiction. The course is delivered (resident) in the world-class National Emergency Response and Rescue Training Center/Emergency Operations Training Center (NERRTC/EOTC) in College Station, Texas. The instructional team consists of coaches and mentors experienced in emergency management and incident response to guide the participants as they respond to large scale, simulated incidents. The course uses a multi-discipline, jurisdictional approach to accomplish the course objectives. Each staff position is integrated into an EOC team, recognizing the unique aspects of the jurisdiction when responding to an incident. The course adapts existing incident management systems and procedures to the unique requirements of responding to all-hazards incidents. The overall incident management structure used in the course is based upon best practices and proven methods for managing large scale all-hazards incidents.

### Performance Objectives

- Upon successful completion of this module, participants will be able to describe the essential processes involved in a large-scale incident using standard incident command forms
- Upon successful completion of this module, participants will be able to utilize the Emergency Management Exercise System (EMES) in Emergency Operations Center (EOC) simulation-based exercises
- Upon successful completion of this module, participants will be able to operate within an Emergency Operations Center (EOC) while describing the structure of the EOC and the organization used to support the response to a simulated large-scale incident
- Identify the roles and functions of an EOC
- Identify the steps in the incident response planning process
- Identify a process for managing information
- Identify a process for acquiring and managing resources
- Discuss the decision-making process and how it applies throughout the life cycle of an incident
- Demonstrate the ability to execute the steps in the EOC planning process specific to the local context
- Demonstrate the ability to develop and maintain situational awareness at an EOC level as it pertains to the local jurisdiction
- Demonstrate the ability to effectively manage information internal and external to the EOC within the local context
- Demonstrate the ability to acquire and effectively manage resources in support of a large-scale incident that impacts the local community and/or region
- Determine logistical and financial needs for response operations for the local jurisdiction
- Demonstrate the ability to perform decision making in the EOC in conjunction with large-scale incident response based on the specific jurisdiction
- Analyze how decisions affect the outcome in an all-hazard, high consequence incident response (After-Action Review [AAR])
- Analyze the relationships between planning, resource coordination, and information management (AAR)
- Compare the concepts employed during the course to those strategies and methods employed in an actual response at an Emergency Operations Center (EOC) (case study)

<b>Max Students/Course</b>	40
<b>Duration</b>	4 days (28 hours)
<b>No. Instructors</b>	2 (1:20)
<b>Prerequisites</b>	Mandatory: As defined by the jurisdiction Recommended: Completion of the NERRTC MGT-346, EOC Operations and Planning for All Hazards course, the FEMA Intermediate Incident Command System course, higher or equivalent course that trains Incident Management (IM) and Unified Command (UC)

<b>Certifications/Permits/Licenses</b>	Pending DHS and Cal OES Approval		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	L2 Defense		
<b>Customer/Government-Provided Equipment</b>	None		
<b>Contractor Provided Equipment</b>	Texas A&M Engineering Extension Service (TEEX), Emergency Operations Training Center (EOTC), Disaster City®, in College Station, Texas. Simulation computers and software, travel cost for instructors and participants within GSA per diem rates, training supplies.		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Participant manual</li> <li>▪ Coast Guard IMH</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0900	Opening Remarks/Introductions/Administrative Matters
		0900 – 1030	EOC Processes
		1030 – 1200	Introduction to the EOTC Simulation
		1200 – 1300	Lunch
		1300 – 1400	Introduction to the Decision-Making Exercises
		1400 – 1700	Decision-Making Exercise #1
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Decision-Making Exercise #2
		1200 – 1300	Lunch
		1300 – 1700	Decision-Making Exercise #3
	<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Decision-Making Exercise #4
		1200 – 1300	Lunch
		1300 – 1700	Decision-Making Exercise #4 (Cont.)
	<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Wrap up
		0900 – 0930	After Action Pearls of Wisdom
		0930 – 1100	Case study
		1100 – 1200	Course completion and departure
	<b>Total Time</b>	28 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (1 – ten (10) minute break after each module) each day



## In-the-Know: Cybersecurity Awareness Training

### Course Description

This course is a role-based full package of interactive training content on cybersecurity. It's customizable per employee's roles and job functions. For example, county and city executives have a particular module for them; Frequent travelers learn necessary protection tips; Phishing prevention is all employees; The social media module offers practical guidance to prevent regrettable behavior.

Below is a list of the training topics:

- Day in the Life – Security
- Executive Training – Security
- Data Protection Fundamentals
- Gramm-Leach-Bliley Act (GLBA)
- Insider Threats
- Incident Reporting
- Incident Response
- Introduction to Risk Management
- Introduction to Secure Coding (for software programmers)
- It's Time to End Sexual Harassment (for Managers)
- Mission Travel Security
- PCI Security Standards
- PCI Security Standards at the Point of Sale (POS)
- PCI Security Standards for IT and Back Office
- PCI Security Standards for Managers
- PCI Security Standards on the Phone and Online
- Preventing Phishing
- Protecting and Handling Data
- Responsible Use of Social Media
- Sarbanes-Oxley (SOX)
- Security + PCI
- Security Awareness
- Security Awareness for Privileged Users
- Security Basics
- Security Refresher

### Performance Objectives

One hundred percent of the students gain awareness of cybersecurity topics as confirmed by their test scores. Students who fail the test per defined benchmark repeat the training till they pass. The end result is that the students' organization achieves higher cyber resilience.

<b>Max Students/Course</b>	30
<b>Duration</b>	1 day (8 hours) <i>Configurable per needs by Customer's Program Staff. Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1:15)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	Pending DHS and Cal OES Approval
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Adaptable Security Corp
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Computer and network / internet</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Software (no downloads needed)</li> </ul>



Student Materials	▪ Digital
Schedule of Events	Student self-paced (within a period determined by Customer's Program Staff)
	<b>Total Time</b> 8 hours (approx.)



## In-the-Know: Know Your Vulnerabilities Before Hackers Do & SOC Capabilities

### Course Description

This course demonstrates how a hacker performs reconnaissance and launches a cyber-attack. The instructors then outline how a cross-functional team can work together and prepare against such cyber-attacks. The course will review essential SOC capabilities, then dive into planning, budgeting for, and recruiting a third-party penetration test vendor.

### Performance Objectives

Students gain insights and skills into better defending their organization's digital assets after demystifying hacking.

<b>Max Students/Course</b>	30		
<b>Duration</b>	2 hours <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>Familiarity with NIMS is recommended</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Pending DHS and Cal OES Approval		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Adaptable Security Corp		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Computer and network / internet</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Software</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Digital</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1000</b>	<b>Lecture and Practical Exercises</b>
		0800 – 0820	Ice breaker and Introduction
		0820 – 0850	Live cyber-attack demonstration
		0850 – 0920	Discuss SOC capabilities (4 groups)
		0920 – 0940	Summarize a plan
		0940 – 1000	Plan, Budget and Engage third-party penetration testers
	<b>Total Time</b>	2 hours (approx.)	



## In-the-Know: Phishing Simulation

### Course Description

This course simulates one of the most prevalent attack mechanisms, phishing, and spear phishing, periodically. Employees who fail to detect the simulated attacks and fall victim are identified. Such employees can be required to re-take the Cybersecurity Awareness Training

### Performance Objectives

Vulnerable employees are identified and are provided with remedies. The end result is that the students' organization achieves higher cyber resilience.

<b>Max Students/Course</b>	30+
<b>Duration</b>	Per customer's specification. <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	N/A
<b>Prerequisites</b>	None
<b>Certifications/Permits/ Licenses</b>	Pending DHS and Cal OES Approval
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Adaptable Security Corp
<b>Customer/Government- Provided Equipment</b>	<ul style="list-style-type: none"><li>▪ Computer and network / internet</li></ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"><li>▪ Software (no downloads needed)</li></ul>
<b>Student Materials</b>	<ul style="list-style-type: none"><li>▪ Digital</li></ul>
<b>Schedule of Events</b>	Per customer's Program decision
<b>Total Time</b>	8 hours (approx.)



## Industrial Control Systems Vulnerabilities and Protection

### Course Description

This onsite course will cover an in-depth look at Industrial Control Systems Vulnerabilities assessments and how to protect critical systems using modern best practices and technology. It will cover topics like:

- How do you restore systems under duress?
- How to gain access to systems in ways attackers do not anticipate?
- Holistic Change Detection
- Exhaustive Communications Inspection
- Inconsistencies in SCADA Communication
- Resilient Control Points

### Performance Objectives

- Understand how to analyze and protect critical infrastructure using modern tools

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	Pending POST, DHS, and CalOES approval
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	None
<b>Student Materials</b>	<ul style="list-style-type: none"><li>▪ Print and Digital courseware</li></ul>
<b>Schedule of Events</b>	Under development





## Information Systems Certification and Accreditation Professional – ISCAP

### Course Description

Mile2®'s vendor-neutral Information Systems Certification and Accreditation Professional certification training quantify the process of certifying, reviewing, and accrediting an information system by IT professionals. This certification is designed to provide, through its contents and referenced resources, a complete guide to establishing a certified and accredited information system in any organization. This course was created as a standard to measure the set of skills that specific members of an organization are required to have for the practice of certifying, reviewing, and accrediting the security of information systems.

### Performance Objectives

- Be able to competently take the ISCAP exam

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 1 year of Information Systems</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; NSTISSI-4015 National Training Standard for Systems Certifiers ISCAP – Information Systems Certification and Accreditation Professional ISCAP Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Insurance and Risk Management for Disaster Cost Recovery

### Course Description

Insurance issues are the fourth most cited finding in DHS audits and occur in one of every four audits. Furthermore, insurance issues arise in EVERY project worksheet that FEMA writes, and resolution of insurance related questions can delay disaster assistance funding for many months. This is the case whether the local agency is commercially insured, a member of an insurance JPA, or self-insured. Failure to commercially ensure facilities that receive Federal disaster assistance regularly result in million-dollar audit findings. This workshop introduces these issues and proposes workable solutions for many of these problems.

### Performance Objectives

Participants will learn some of the complexities of FEMA's policy on insurance, including the "obtain & maintain" regulation, the prohibition against duplication of benefits, and other obscure but critical requirements. The course makes extensive use of FEMA Appeals and DHS audits.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (3 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Projector and screen</li> <li>Lapel microphone or hand-held microphone</li> <li>Connection cables (HDMI and VGA) for projection system</li> <li>Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Thumb drive</li> <li>Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1100</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0900	Insurance Requirements and Considerations
		0900 – 1000	Insurance Requirement JPAs
		1000 – 1100	Assistance with Insurance Claims
	<b>Total Time</b>	3 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## Internet of Things Investigations

### Course Description

Internet of Things (IoT) is the term given to the growing world internet connected devices. As more and more “things” become connected to the internet (and each other) their investigative value increases to law enforcement. This class explores the current (and near future) applications for IoT in law enforcement investigations and operations.

### Performance Objectives

Upon completion of this course attendees will be able to better access and investigate activities related to the Internet of Things (IoT). Applications towards cybersecurity and information gathering and sharing are discussed.

Max Students/Course	40			
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>			
No. Instructors	2 (1:30)			
Prerequisites	None			
Certifications/Permits/Licenses	Cal OES Approved			
Course Cost	Please contact SenseMakers LLC			
Course Vendor(s)	Police Technical			
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ Tables and chairs</li><li>▪ LCD Projector or flatscreen</li><li>▪ Lighting controls</li><li>▪ Podium</li><li>▪ Classroom seating</li></ul>			
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>			
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li><li>▪ Certificate of completion</li><li>▪ Access to post-class online materials</li></ul>			
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr></table>	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises
DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises		
(Estimate)		0800 – 1700 1200 – 1300		
		Classroom Lecture and Practical Exercises Lunch		
	DAY 2	0800 – 1700		
		0800 – 1700 1200 – 1300		
		Classroom Lecture and Practical Exercises Lunch		
	Total Time	16 hours (approx.)		

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## IS 20: Security Controls

### Course Description

Mile2®'s vendor-neutral IS20 Controls certification course covers proven general controls and methodologies that are used to execute and analyze the Top Twenty Most Critical Security Controls. This course allows the security professional to see how to implement controls in their existing network(s) through highly effective and economical automation. For management, this training is the best way to distinguish how you will assess whether these security controls are effectively being administered or if they are falling short of industry standards. Nearly all organizations containing sensitive information are adopting and implementing the most critical security controls as the highest priority list.

### Performance Objectives

- Be able to competently take the IS20 Controls exam
- Understand how to implement the top 20 most critical controls in the workplace

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours) <i>Online live remote, online self-paced, or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 1 year of Information Systems</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; IS20 Security Controls Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## IS 505: Religious and Cultural Literacy and Competency in Disaster

### Course Description

This course and its companion tip sheet resources have been developed with the University of Southern California Center for Religion and Civic Culture (CRCC) and the National Disaster Interfaiths Network. In addition, FEMA personnel assisted the development of the course by providing their relevant expertise responding to disasters. The course provides emergency management professionals and faith and community leaders active in disaster with the religious literacy and competency tools needed to learn how to effectively engage religious and cultural groups and their leaders throughout the disaster lifecycle.

### Performance Objectives

- Define religious and cultural literacy and competency in disaster management
- Describe how religious and cultural language differs from government culture and language
- Identify the skills needed to competently engage religious and cultural leaders and groups in the field
- Describe each step in the six-step "LEADER" process

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction
		0830 – 0900	Understanding Religious/Cultural Landscape
		0900 – 1000	Leveraging Partnerships, Understand the Situation
		1000 – 1030	Learn Your Religious Landscape
		1030 – 1100	Assess Your Knowledge
		1100 – 1130	Developing and Maintaining Engagement
		1130 – 1200	Conclusion
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## IS 523: Resilient Accord – Exercising Continuity Plans for Cyber Incidents (*Enhanced*) (Classroom Delivery)

### Course Description

FEMA's *IS 523 Resilient Accord - Exercising Continuity Plans for Cyber Incidents* is an Independent Study course that addresses the potential consequences that a cyber disruption may have on an organization's ability to perform its essential functions and encourages participants to review their organizations' continuity plans. While the course remains available, it is under revision to incorporate new and updated content.

In this course offering, an instructor/facilitator presents the content of the Independent Study course, augmented by updated information and additional practical examples drawn from cyber and continuity planning and exercises, as well as Cal OES continuity planning guidance and the forthcoming 2020 Bay Area UASI Cyber Toolkit as well as the 2015 Bay Area UASI COOP Gaps and Recommendations Report and its associated Toolkit. Students are still prepared to take the IS-523 exam for credit but have the additional benefit of interactive discussion.

### Performance Objectives

- Describe the course overview and objectives
- Describe the importance of incorporating cybersecurity into continuity planning
- Discuss how cyber disruptions may impact performance of essential functions
- Identify possible solutions to address vulnerabilities in existing continuity plans
- Discuss organizational/jurisdictional approaches to cyber incident response
- Complete administrative and course evaluation tasks

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (3 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Cyber Incident Response Planning (Recommended)</li> </ul>		
<b>Certifications/Permits/Licenses</b>	None		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Cadmus Group		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1100</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0810	Introduction and Course Overview
		0810 – 0835	Continuity Overview
		0835 – 0920	Cybersecurity Overview
		0920 – 0945	Event 1– Power Grid Failure
		0945 – 1010	Event 2 – Natural Disaster
		1010 – 1025	Event 3 – Insider Attack
		1025 – 1040	Event 4 – Email Phishing Campaign
		1040 – 1050	Continuity/Cybersecurity Working Groups and Resources
		1050 – 1100	Course Review
	<b>Total Time</b>	3 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## IS 523: Resilient Accord – Exercising Continuity Plans for Cyber Incidents (*Enhanced*) (Virtual Delivery)

### Course Description

FEMA's *IS 523 Resilient Accord - Exercising Continuity Plans for Cyber Incidents* is an Independent Study course that addresses the potential consequences that a cyber disruption may have on an organization's ability to perform its essential functions and encourages participants to review their organizations' continuity plans. While the course remains available, it is under revision to incorporate new and updated content.

In this course offering, an instructor/facilitator presents the content of the Independent Study course, augmented by updated information and additional practical examples drawn from cyber and continuity planning and exercises, as well as Cal OES continuity planning guidance and the forthcoming 2020 Bay Area UASI Cyber Toolkit as well as the 2015 Bay Area UASI COOP Gaps and Recommendations Report and its associated Toolkit. Students are still prepared to take the IS-523 exam for credit but have the additional benefit of interactive discussion.

### Performance Objectives

- Describe the course overview and objectives
- Describe the importance of incorporating cybersecurity into continuity planning
- Discuss how cyber disruptions may impact performance of essential functions
- Identify possible solutions to address vulnerabilities in existing continuity plans
- Discuss organizational/jurisdictional approaches to cyber incident response
- Complete administrative and course evaluation tasks

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (3 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Cyber Incident Response Planning (Recommended)</li> </ul>		
<b>Certifications/Permits/Licenses</b>	None		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Cadmus Group		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Remote presentation over virtual platform of jurisdiction's preference</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All student course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1100</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0810	Introduction and Course Overview
		0810 – 0835	Continuity Overview
		0835 – 0920	Cybersecurity Overview
		0920 – 0945	Event 1– Power Grid Failure
		0945 – 1010	Event 2 – Natural Disaster
		1010 – 1025	Event 3 – Insider Attack
		1025 – 1040	Event 4 – Email Phishing Campaign
		1040 – 1050	Continuity/Cybersecurity Working Groups and Resources
		1050 – 1100	Course Review
	<b>Total Time</b>	3 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## IS 700: An Introduction to the National Incident Management System

### Course Description

This course provides an overview of the National Incident Management System (NIMS). The National Incident Management System defines the comprehensive approach guiding the whole community - all levels of government, non-governmental organizations (NGO), and the private sector - to work together seamlessly to prevent, protect against, mitigate, respond to, and recover from the effects of incidents. The course provides learners with a basic understanding of NIMS concepts, principles, and components.

### Performance Objectives

- Describe and identify the key concepts, principles, scope, and applicability underlying NIMS
- Describe activities and methods for managing resources
- Describe the NIMS Management Characteristics
- Identify and describe Incident Command System (ICS) organizational structures
- Explain Emergency Operations Center (EOC) functions, common models for staff organization, and activation levels
- Explain the interconnectivity within the NIMS Management and Coordination structures: ICS, EOC, Joint Information System (JIS), and Multiagency Coordination Groups (MAC Groups)
- Identify and describe the characteristics of communications and information systems, effective communication, incident information, and communication standards and formats

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (3.5 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>			
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1130</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction to NIMS
		0830 – 0845	Fundamentals of NIMS
		0845 – 0900	NIMS Resource Management
		0900 – 0915	Incident Command Systems
		0915 – 0930	Emergency Operations Center
		0930 – 0945	Other NIMS
		0945 – 1130	Communications Management
	<b>Total Time</b>	3.5 hours (approx.)	

\*Schedule designed to also include the following:

- Regular Breaks (1 – fifteen (15) minute break)





## ISO 27001: Lead Auditor

### Course Description

During this training course, you will acquire the knowledge and skills to plan and carry out internal and external audits in compliance with ISO 19011 and ISO/IEC 17021-1 certification process.

Based on practical exercises, you will be able to master audit techniques and become competent to manage an audit program, audit team, communication with customers, and conflict resolution.

After acquiring the necessary expertise to perform this audit, you can sit for the exam and apply for a “PECB Certified ISO/IEC 27001 Lead Auditor” credential. By holding a PECB Lead Auditor Certificate, you will demonstrate that you have the capabilities and competencies to audit organizations based on best practices.

### Performance Objectives

- Auditors seeking to perform and lead Information Security Management System (ISMS) certification audits
- Managers or consultants seeking to master an Information Security Management System audit process
- Individuals responsible for maintaining conformance with Information Security Management System requirements
- Technical experts seeking to prepare for an Information Security Management System audit
- Expert advisors in Information Security Management

Max Students/Course	20
Duration	3 days (24 hours) <i>Virtual course available, please contact us for more details.</i>
No. Instructors	1 (1:20)
Prerequisites	A fundamental understanding of ISO/IEC 27001 and comprehensive knowledge of audit principles
Certifications/Permits/Licenses	PECB Certified ISO/IEC 27001 Provisional Auditor
Course Cost	Please contact SenseMakers LLC
Course Vendor(s)	Hacking Solutions
Customer/Government-Provided Equipment	
Contractor Provided Equipment	
Student Materials	<ul style="list-style-type: none"><li>▪ All printed course materials</li></ul>
Schedule of Events	8AM – 5PM Daily over 3 day for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## ISO 27001: Lead Implementer

### Course Description

ISO/IEC 27001 Lead Implementer training enables you to develop the necessary expertise to support an organization in establishing, implementing, managing, and maintaining an Information Security Management System (ISMS) based on ISO/IEC 27001.

### Performance Objectives

- Acknowledge the correlation between ISO/IEC 27001, ISO/IEC 27002 and other standards and regulatory frameworks
- Master the concepts, approaches, methods, and techniques used for the implementation and effective management of an ISMS
- Learn how to interpret the ISO/IEC 27001 requirements in the specific context of an organization
- Learn how to support an organization to effectively plan, implement, manage, monitor, and maintain an ISMS
- Acquire the expertise to advise an organization in implementing Information Security Management System best practices

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	A fundamental understanding of ISO/IEC 27001 and comprehensive knowledge of implementation principles
<b>Certifications/Permits/Licenses</b>	PECB Certified ISO/IEC 27001 Provisional Implementer
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Hacking Solutions
<b>Customer/Government-Provided Equipment</b>	
<b>Contractor Provided Equipment</b>	
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 day for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## ISO 27032: Lead Cybersecurity Manager

### Course Description

ISO/IEC 27032 Lead Cybersecurity Manager training enables you to acquire the expertise and competence needed to support an organization in implementing and managing a Cybersecurity program based on ISO/IEC 27032 and NIST Cybersecurity framework. During this training course, you will gain a comprehensive knowledge of Cybersecurity, the relationship between Cybersecurity and other types of IT security, and stakeholders' role in Cybersecurity.

After mastering all the necessary concepts of Cybersecurity, you can sit for the exam and apply for a "PECB Certified ISO/IEC 27032 Lead Cybersecurity Manager" credential. By holding a PECB Lead Cybersecurity Manager Certificate, you will be able to demonstrate that you have the practical knowledge and professional capabilities to support and lead a team in managing Cybersecurity.

### Performance Objectives

- Acquire comprehensive knowledge on the elements and operations of a Cybersecurity Program in conformance with ISO/IEC 27032 and NIST Cybersecurity framework
- Acknowledge the correlation between ISO 27032, NIST Cybersecurity framework and other standards and operating frameworks
- Master the concepts, approaches, standards, methods, and techniques used to effectively set up, implement, and manage a Cybersecurity program within an organization
- Learn how to interpret the guidelines of ISO/IEC 27032 in the specific context of an organization
- Master the necessary expertise to plan, implement, manage, control, and maintain a Cybersecurity Program as specified in ISO/IEC 27032 and NIST Cybersecurity framework
- Acquire the necessary expertise to advise an organization on the best practices for managing Cybersecurity

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	A fundamental understanding of ISO/IEC 27032 and comprehensive knowledge of Cybersecurity
<b>Certifications/Permits/Licenses</b>	PECB Certified ISO/IEC 27032 Provisional Cybersecurity Manager
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Hacking Solutions
<b>Customer/Government-Provided Equipment</b>	
<b>Contractor Provided Equipment</b>	
<b>Student Materials</b>	<ul style="list-style-type: none"><li>▪ All printed course materials</li></ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 day for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## ISO 27701: Privacy Information Management System

### Course Description

This introduction training course enables you to become familiar with the basic concepts of an Information Security Management System (ISMS).

By attending the ISO/IEC 27001 Introduction training course, you will understand the importance of ISMS and the benefits that businesses, society, and governments can obtain.

### Performance Objectives

- Understand the concepts, approaches, methods, and techniques used to implement an Information Security Management System (ISMS)
- Understand the basic elements of an Information Security Management System

<b>Max Students/Course</b>	20
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	A participation certificate of 7 CPD (Continuing Professional Development) credits will be issued
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Hacking Solutions
<b>Customer/Government-Provided Equipment</b>	
<b>Contractor Provided Equipment</b>	
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 1 day for a total of 8 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Krav Maga – Firearm Threat Defense and Weapon Retention

### Course Description

This course will teach Officers the optimal skills and tactics to effectively counter an attack by an assailant armed with a firearm or an assailant attempting to disarm the Officer.

### Performance Objectives

Officers will be able to identify indicators of an armed person, counter firearm threats from various angles and positions, and counter an assailant attempting to disarm the Officer.

<b>Max Students/Course</b>	50
<b>Duration</b>	1 day (8 hours)
<b>No. Instructors</b>	1 (1:50)
<b>Prerequisites</b>	None
<b>Certifications/Permits/ Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	L2 Defense
<b>Customer/Government- Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Large facility (i.e. gym)</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Training firearms</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ None</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 1 day for a total of 8 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (1 – ten (10) minute break after each module) each day



## L0101: Foundations of Emergency Management

### Course Description

FEMA recognizes the need to tie training programs to an established set of emergency management competencies and to a Career Development Program through a progressive training and education system that includes the entry-level Academy, called the National Emergency Management Basic Academy. Training objectives for this course are based on the newly established emergency manager competencies that the National Emergency Management Association; the International Association of Emergency Managers; and state, local, territorial, and tribal emergency management professionals have established in coordination with EMI. The following topics in emergency management are covered in this course: history; legal issues; intergovernmental and interagency context; influencing and organizing; social vulnerability issues; managing stress; collaboration, preparedness, and team-building; mitigation, response, prevention, and protection; ethical decision-making; recovery; technology; administration; and the future.

### Performance Objectives

At completion of this course, students will have a basic knowledge of the history of doctrine and authorities of emergency management, the role of the emergency manager, and an overview of all hazards.

Max Students/Course	40		
Duration	5 days (40 hours)		
No. Instructors	2 (1:20)		
Prerequisites	Participants must complete the 11-independent study (IS) courses before attending the 40-hour residence course (approximately 44 hours of training): <ul style="list-style-type: none"><li>IS-0100.a Introduction to the Incident Command System (ICS)</li><li>IS-0120.c An Introduction to Exercise</li><li>IS-0200.b ICS for Single Resources and Initial Action Incidents</li><li>IS-0230.b Fundamentals of Emergency Management</li><li>IS-0235.c Emergency Planning</li><li>IS-0240.b Leadership and Influencing</li><li>IS-0241.b Decision Making and Problem Solving</li><li>IS-0242.b Effective Communication</li><li>IS-0244.b Developing and Managing Volunteers</li><li>IS-0700.a National Incident Management System, An Introduction</li><li>IS-0800.b National Response Framework, An Introduction</li></ul>		
Certifications/Permits/Licenses	DHS and Cal OES Approved		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	California Specialized Training Institute (CSTI)		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>Classroom for 40 students</li><li>3 to 4 breakout rooms</li><li>Tables and chairs</li><li>AV capability</li><li>Whiteboard</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>AV if necessary</li><li>Easels/easel pads</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>All printed course materials</li></ul>		
Schedule of Events	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises
(Estimate)		0800 – 1000	Foundations of Emergency Management Course Welcome
		1000 – 1130	Introduction to Emergency Management
		1130 – 1230	Lunch
		1230 – 1600	Introduction to Emergency Management (Cont.)
		1600 – 1700	Stress Management

<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1100	Preparedness
	1100 – 1200	Introduction to Statutory Authority & Legal Considerations
	1200 – 1300	Lunch
	1300 – 1530	Introduction to Statutory Authority & Legal Considerations (Cont.)
	1530 - 1700	Serving the Whole Community
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0930	Serving the Whole Community (Cont.)
	0930 – 1230	Intergovernmental and Interagency Context of Emergency Management
	1230 – 1330	Lunch
	1330 – 1500	Prevention and Protection
	1500 – 1700	Mitigation
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0930	Mitigation (Cont.)
	0930 – 1130	Response
	1130 – 1230	Lunch
	1230 – 1330	Response (Cont.)
	1330 – 1700	Recovery
<b>DAY 5</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1100	Emergency Management Collaborative
	1100 – 1200	Capstone: Flood Scenario Exercise
	1200 – 1300	Lunch
	1300 – 1530	Course Review and Summary
	1530 – 1700	Course closeout
<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks) each day



## L0102: Science of Disaster

### Course Description

This course provides the participants with an overview of scientific principles and concepts that shape our increasingly dangerous world. The contents of the course include the following:

- Introduction to Science of Disaster provides a definition and benefits of science
- Earth Science describes how the Earth's design sets the stage for the world's natural hazards including earthquakes, volcanic eruptions, tsunamis, and landslides/sinkholes
- Climatology describes the scientific basis of common atmospheric hazards including convective storms, tropical cyclones, and other hazardous weather
- Chemical and biological basics identifies the scientific basis of chemical and biological threats
- Explosive, radiological, and nuclear fundamentals identifies the scientific basis of those threats

### Performance Objectives

At completion of this course, students will have a basic understanding of scientific principles which govern the world around us and control how hazards and disasters unfold.

Max Students/Course	40		
Duration	3 days (24 hours)		
No. Instructors	2 (1:20)		
Prerequisites	If a participant is taking this course as part of the Academy, then he or she should take L0101, Foundations of Emergency Management, first (but not required). If a participant is taking this course on its own for its planning information and not in fulfillment of the Academy requirements, there are no prerequisites.		
Certifications/Permits/Licenses	DHS and Cal OES Approved		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	California Specialized Training Institute (CSTI)		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ Tables and chairs</li><li>▪ AV capability</li><li>▪ Whiteboard</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ AV if necessary</li><li>▪ Easels/easel pads</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ All printed course materials</li></ul>		
Schedule of Events	<b>DAY 1</b>		
<i>(Estimate)</i>	Unit 1	8 hours	Introduction to Science of Disaster
	Unit 2		Storms
	Unit 3		Floods
	<b>DAY 2</b>		
	Unit 4	8 hours	Extreme Heat, Droughts, and Wildfires
	Unit 5		Science of Landslides and Sinkholes
	Unit 6		Earthquakes and Tsunamis
<b>DAY 3</b>			
	Unit 8	8 hours	Human-Induced Disasters
	Unit 9		Course Summary
	<b>Total Time</b>	24 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## L0103: Planning: Emergency Operations

### Course Description

This course is designed to give basic concepts and planning steps to those new to the field of emergency management so that they may apply planning discipline and skills to challenges in their jobs. The course content includes Emergency Management Planning doctrine and steps to take to accomplish writing plans and using them to deal with special events, which are common challenges for all jurisdictions.

The content also derives from the Comprehensive Preparedness Guide 101, Developing and Maintaining State, Territorial, Tribal and Local Government Emergency Plans, and its six-step planning process and inclusive whole community philosophy. Likewise, doctrine from the Comprehensive Preparedness Guide 201, Threat and Hazard Identification and Risk Assessment (THIRA), is included in the course. Special event planning is then explained in the course, and table group activities to analyze plans for special events are conducted.

### Performance Objectives

The goals of this course are to promote effective emergency management planning practices and to enhance planning skills through application exercises.

<b>Max Students/Course</b>	40		
<b>Duration</b>	2 days (16 hours)		
<b>No. Instructors</b>	2 (1:20)		
<b>Prerequisites</b>	If a participant is taking this course as part of the Academy, then he or she should take L0101, Foundations of Emergency Management, first (but not required). If a participant is taking this course on its own for its planning information and not in fulfillment of the Academy requirements, there are no prerequisites.		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 40 students</li> <li>Tables and chairs</li> <li>AV capability</li> <li>Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>AV if necessary</li> <li>Easels/easel pads</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	8 hours	Planning Overview
	Unit 2		Threat and Hazard Identification and Risk Assessment
	Unit 3		The Planning Process
	<b>DAY 2</b>		
	Unit 3	8 hours	The Planning Process (Cont.)
	Unit 4		Emergency Operations Planning Activity
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## L0105: Public Information and Warning

### Course Description

This course introduces participants to what the Public Information Officer (PIO) does in emergency management, along with basic information about the Integrated Public Alert and Warning System (IPAWS). The PIO topics covered include the role of the PIO; communication tools and resources encompassing social media; effective communication; preparing the community through outreach and other means; and communication in an incident. The IPAWS topics covered include what the system is and does, preparing alert and warning messages, and writing common alerting protocol messages. This is a two-day classroom course that gives participants time to perform activities and exercises to reinforce the knowledge and build basic skills.

### Performance Objectives

The goal of this course is to enhance the jurisdiction's public information and warning core capability.

<b>Max Students/Course</b>	40		
<b>Duration</b>	2 days (16 hours)		
<b>No. Instructors</b>	2 (1:20)		
<b>Prerequisites</b>	If a participant is taking this course as part of the Academy, then he or she should take L0101, Foundations of Emergency Management, first (but not required). If a participant is taking this course on its own for its planning information and not in fulfillment of the Academy requirements, there are no prerequisites.		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 40 students</li> <li>Tables and chairs</li> <li>AV capability</li> <li>Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>AV if necessary</li> <li>Easels/easel pads</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	8 hours	Public Information and Warning: Overview
	Unit 2		Promoting Preparedness
	Unit 3		Communicating Warnings
	Unit 4		Managing Public Information
	<b>DAY 2</b>		
	Unit 4	8 hours	Managing Public Information (Cont.)
	Unit 5		An Introduction to the JIS and the JIC
	Unit 6		Working with State and Federal Partners
	Unit 7		Course Summary
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## L0146: Homeland Security Exercise Evaluation Program (HSEEP): Basic Course

### Course Description

This is an intermediate-level course that provides a comprehensive overview of exercise design along with practical skill development in accordance with the Homeland Security Exercise and Evaluation Program (HSEEP) Doctrine. This course uses activities that will give participants an opportunity to interact with many of the templates and other materials that are provided by the National Exercise Division to ensure exercises are conducted in a consistent manner. L0146 HSEEP course is delivered in a traditional classroom environment, at a local jurisdiction, and incorporates all of the same elements as the webinar version. L0146 courses are 16 hours in duration and delivered in 2 days.

### Performance Objectives

At completion of this course, students will increase awareness of the Homeland Security Exercise Evaluation Program Doctrine, clarify roles and responsibilities, and improve teamwork and coordination.

<b>Max Students/Course</b>	40
<b>Duration</b>	2 days (16 hours)
<b>No. Instructors</b>	2 (1:20)
<b>Prerequisites</b>	<p>Participants must have completed:</p> <ul style="list-style-type: none"> <li>IS-0120.a An Introduction to Exercises</li> </ul> <p>It is recommended to have also taken:</p> <ul style="list-style-type: none"> <li>IS-0130 Exercise Evaluation and Improvement Planning</li> </ul>
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 40 students</li> <li>Tables and chairs</li> <li>AV capability</li> <li>Whiteboard</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>AV if necessary</li> <li>Easels/easel pads</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>
<b>Schedule of Events</b>	<b>DAY 1</b>
<b>(Estimate)</b>	Unit 1      8 hours      Introduction & HSEEP Fundamentals
	Unit 2                Exercise Program Management
	Unit 3                Exercise Design and Development
	<b>DAY 2</b>
	Unit 4      8 hours      Exercise Conduct
	Unit 5                Exercise Evaluation
	Unit 6                Improvement Planning
	<b>Total Time</b> 16 hours (approx.)

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## L0388: Advanced Public Information Officer (APIO)

### Course Description

This Advanced Public Information Course builds on the foundations established in the Basic Public Information Officer Course Series. This course provides participants the knowledge and skills to establish, manage, and work within a Joint Information Center (JIC). The training allows students to develop the skills to coordinate a message once developed and to modify if problems or sources of confusion arise. The course discusses techniques to develop strategic messaging in support of incident action plans, managing JICs, including personnel and stress. The course uses exercises and lectures to achieve objectives.

### Performance Objectives

- Describe the changes in the American family and society and how these changes relate to the Public Information Officer (PIO)
- Analyze the impact of fear mongering on the acceptance of emergency communication messages
- Discuss current crisis communication methodologies and the relationship with emergency communication
- Describe the tools available for successful strategic communications planning
- Describe the practice, policy, and procedure related to the Joint Information Systems (JIS) and Joint Information Centers (JICs)
- Discuss current topics in external affairs during a panel discussion
- Demonstrate ability to work in a JIC

<b>Max Students/Course</b>	40		
<b>Duration</b>	5 days (40 hours)		
<b>No. Instructors</b>	2 (1:25)		
<b>Prerequisites</b>	FEMA's Basic Public Information Officers course or CSTI's (G290/291/CCM1)		
<b>Certifications/Permits/Licenses</b>	CSTI L0388 Certificate		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 40 students</li> <li>▪ Tables and chairs</li> <li>▪ AV capability</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ AV if necessary</li> <li>▪ Easels/easel pads</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 1100	Introduction & Overview
		1100 – 1200	Crisis Communication
		1200 – 1300	Lunch
		1300 – 1430	Crisis Communication
		1430 – 1445	Break
		1445 – 1600	Media, Fear, and the Changing American Family
		1600 – 1700	Disaster Responses Readiness
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1100	Strategic Communications and Incident Action Planning Part 1 ICS Overview
		1100 – 1115	Break

	1115 – 1230	Strategic Communications and Incident Action Planning Part 2 Planning
	1230 – 1330	Lunch
	1330 – 1415	Strategic Communications and Incident Action Planning Part 3, Eight Step Model – Step 1 – Situational Awareness
	1415 – 1430	Break
	1430 – 1530	Strategic Communications and Incident Action Planning Part 3, Eight Step Model – Step 2 – Communication Goals
	1530 – 1600	Strategic Communications and Incident Action Planning Part 3, Eight Step Model – Step 3 – Audience Identification
	1600 – 1700	Strategic Communications and Incident Action Planning Part 3, Eight Step Model – Step 4 – Messages
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	Strategic Communications and Incident Action Planning Part 3, Eight Step Model – Step 5 Channels
	0900 – 0945	Strategic Communications and Incident Action Planning Part 3, Eight Step Model – Step 6 Develop the Plan
	0945 – 1030	Strategic Communications and Incident Action Planning Part 3, Eight Step Model – Step 7 Develop the Materials
	1030 – 1200	Functional Exercise: Eight Step Model – Implement the Plan
	1200 – 1300	Lunch
	1300 – 1700	Functional Exercise: Eight Step Model – Implement the Plan (Cont.)
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Practical Exercises</b>
	0800 – 1200	Functional Exercise
	1200 – 1300	Working lunch
	1300 – 1545	Functional Exercise
	1545 – 1615	Exercise Hot Wash
	1615 – 1700	Student After Action Report Presentations
<b>DAY 5</b>	<b>0800 – 1700</b>	<b>Practical Exercises</b>
	0800 – 0930	Exercise Evaluation Guide Review
	0930 – 1200	Tabletop Exercises
	1200 – 1300	Lunch
	1300 – 1530	Tabletop Exercises (Cont.)
	1530 – 1700	Course Summary
<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks) each day



## Law Enforcement Response to Terrorism

### Course Description

This course provides 4-day pistol/carbine course and is designed to give officers not only the technical but the practical understanding of the most effective techniques for the surgical employment of pistol and carbine while responding to terrorism related threats. All blocks of instruction and drills will include detailed explanations and methodologies based on kinesiology, performance enhancement psychology, adult learning theory and classical tactical theory. The foundational goal is to enhance performance in a high threat environment specifically related to terrorist events.

### Performance Objectives

Analysis of critical incidents and terrorist events, law enforcement response to critical / terrorist events, enhanced coordination with non-law enforcement agencies.

Max Students/Course	16		
Duration	4 days (40 hours)		
No. Instructors	1 (1:16) – 1 Instructor, 2 additional range staff personnel		
Prerequisites	POST Certificate at minimum		
Certifications/Permits/Licenses	Cal OES Approved		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	Unified World Tactical Arts Federation LLC		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Firearm Range Facility</li><li>▪ Duty Ammunition / Firearms and associated equipment</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Firearm Range Facility (if not provided by customer)</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ Training Manual</li><li>▪ Course Handouts</li></ul>		
Schedule of Events	DAY 1	0700 – 1700	Classroom Lecture and Practical Exercises
		0700 – 1000	Block 1 (Introduction / Kinesiology)
		1000 – 1015	Break
		1015 – 1200	Block 2 (Performance Psychology)
		1200 – 1300	Lunch
		1300 – 1500	Block 3 (Adult Learning Theory)
		1500 – 1515	Break
		1515 – 1700	Block 3 (Adult Learning Theory)
	DAY 2	0700 – 1700	Classroom Lecture and Practical Exercises
		0700 – 1000	Block 4 (Tactical Theory)
		1000 – 1015	Break
		1015 – 1200	Block 5 (Tactical Application)
		1200 – 1300	Lunch
		1300 – 1500	Range
		1500 – 1515	Break
		1515 – 1700	Range
	DAY 3	0700 – 1700	Classroom Lecture, Practical Exercises

	0700 – 1000	Range
	1000 – 1015	Break
	1015 – 1200	Range
	1200 – 1300	Lunch
	1300 – 1500	Range
	1500 – 1515	Break
	1515 – 1700	Range
<b>DAY 4</b>	<b>0700 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0700 – 1000	Range
	1000 – 1015	Break
	1015 – 1200	Range
	1200 – 1300	Lunch
	1300 – 1500	Range
	1500 – 1515	Break
	1515 – 1700	Block 6 (Putting it all together / Conclusion)
<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Leadership in Crisis

### Course Description

This seminar is an executive-level presentation for the nation's senior officials at the city, county, regional, territory, tribal, and state levels. Seminar participants will discuss the strategic- and executive-level issues and challenges related to preparing for, responding to, and recovering from a catastrophic incident. The venue provides an excellent opportunity to share proven strategies and practices and apply lessons learned from past natural and human-made disasters.

### Performance Objectives

- Identify the prominent facts of the selected case study
- Explain the importance of having plans in place that are adequate, feasible, adaptable, and all-hazards based
- Identify the roles and responsibilities of senior officials in the event of a disaster or emergency
- Examine the importance of rapid and accurate communication/information flow as a pivotal function of leadership in a crisis
- Understand the roles, responsibilities, resources and associated structure, leadership, and planning necessary for effective recovery
- Develop an action plan to capitalize on the lessons learned from the case study by relating them to the local jurisdiction

<b>Max Students/Course</b>	25		
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:25)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 25 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Intro and Planning for Effective Disaster Response
		0830 – 0900	Leadership and Decision Making During a Crisis
		0900 – 1000	Recognizing the Extraordinary; Improvising the Necessary Response
		1000 – 1130	Complex, Multi-Jurisdictional Coordination; Maintaining Scalability
		1100 – 1200	Developing a Jurisdiction Preparedness Action Plan
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break





## Legal Issues for Disaster Cost Recovery

### Course Description

The City Attorney or County Counsel's offices can play a little known but economically significant role in disaster cost recovery. How real estate contracts are written will affect eligibility for Federal disaster assistance. Issues with insurance can have a staggering impact on how much, if any, Federal funding may be available for a specific project. Furthermore, how donations are received by the agency will determine how much Federal funding is available for specific projects.

### Performance Objectives

Participants will learn some of the complexities of FEMA's policy on insurance, including the "obtain & maintain" regulation, the prohibition against duplication of benefits, and other obscure but critical requirements. The course makes extensive use of FEMA Appeals and DHS audits.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Projector and screen</li> <li>Lapel microphone or hand-held microphone</li> <li>Connection cables (HDMI and VGA) for projection system</li> <li>Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Thumb drive</li> <li>Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
<i>(Estimate)</i>		0800 – 0815	Focus on Legal Issues as they relate to Disaster Cost Recovery
		0815 – 0915	Fundamentals of Public Assistance Eligibility
		0915 – 1000	Recovery provisions
		1000 – 1130	Legally Binding Project Worksheets
		1130 – 1200	Strategic Perspectives
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## Local Shelter Management

### Course Description

The goal of this course is to provide a model for, or increase the capability and capacity of, local government to establish and manage emergency sheltering facilities prior to or without the direct assistance of the American Red Cross. Increased demands for emergency evacuation and sheltering operations may cause sheltering agencies like the American Red Cross to exceed their available resources, requiring local government to increase their emergency sheltering capability to meet this need.

### Performance Objectives

The Course Objective is to provide a background on the increasing ESF-6 Mass Care and Shelter requirements in California resulting from frequent and intense wildfires, potential for widespread power outages and the risk of large/catastrophic earthquakes. This increased threat profile highlights the increasing need for local government to enhance their emergency sheltering capability.

At the conclusion of this course participants will be able to:

- Describe planning and preparedness steps for emergency sheltering
- Understand basic shelter related concepts
- Identify the actions required to initiate sheltering
- Understand the key issues and actions required to manage emergency sheltering
- Describe the roles and responsibilities of shelter management staff and the agencies that support them
- Describe the shelter reporting, documentation, and resource request processes
- Describe the processes for transitioning or closing emergency shelters

<b>Max Students/Course</b>	35		
<b>Duration</b>	2 days (16 hours)		
<b>No. Instructors</b>	2 (1:20)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ ICS 100 – An Introduction to the Incident Command System</li> <li>▪ IS 700 – An Introduction to the National Incident Management System</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Preparative Consulting		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 35 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> <li>▪ Access to online portal</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Module 1 - Introductions & Course Overview
		0900 – 1200	Module 2 - Basic Sheltering Concepts
		1200 – 1300	Lunch
		1300 – 1430	Module 3 - Emergency Shelter Planning and Preparedness
		1430 – 1630	Module 4 - Before Opening A Shelter
		1630 – 1700	Review and Questions/Course Coordination

	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Course Coordination
		0830 – 1100	Module 5 - Opening a Shelter
		1100 – 1200	Module 6 - On-going Shelter Operations
		1200 – 1300	Lunch
		1300 – 1430	Module 6 - On-going Shelter Operations
		1430 – 1500	Module 7 - Transitioning Shelter Operations
		1500 – 1615	Module 8 - Final Exercise
		1615 – 1635	Resources and Course Conclusion
		1635 – 1700	Course Evaluations and Certificates
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Low Angle Rope Rescue Operational

### Course Description

A three-day, CA State Fire Training certified course training responders in the techniques and methods for using rope, webbing hardware, friction devices, and litters in low angle rescue situations. Topics include: rope and related equipment, anchor systems, safety lines, litter lashing/rigging and mechanical advantage systems.

### Performance Objectives

Rope and related equipment, anchor systems, safety lines, litter lashing/rigging and mechanical advantage systems.

<b>Max Students/Course</b>	36
<b>Duration</b>	3 days (24 hours)
<b>No. Instructors</b>	3 (1:12)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	California State Fire Marshal
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Nor Cal Rescue Training (NCRT)
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 36 students</li> <li>Tables and chairs</li> <li>AV capability</li> <li>Personal safety gear for each student: helmet, gloves, boots, etc.</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Technical equipment and supplies</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Access to electronic manuals</li> </ul>
<b>Schedule of Events</b>	<b>DAY 1</b>
<b>(Estimate)</b>	Unit 1      8 hours      Lecture and ground school for skills
	<b>DAY 2</b>
	Unit 2      8 hours      Victim packaging and ambulatory rescue
	<b>DAY 3</b>
	Unit 3      8 hours      Rappelling and non-ambulatory rescue
	<b>Total Time</b> 24 hours (approx.)

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Malware Reverse Engineering

### Course Description

This course provides training in the process of reverse engineering malware in order to better identify strategies to defend and disable malicious programs. It will cover required tools such as disassemblers, system debuggers, PE viewers and Wireshark, as well as provide training in the steps to effectively reverse engineer malware for the purposes of strengthening cyber defenses.

### Performance Objectives

- Understand how to use Dragos tools to reverse engineer malware
- Become familiar with the steps to reverse engineering malware for the purposes of strengthening cyber defenses

Max Students/Course	20
Duration	3 days (24 hours)
No. Instructors	1 (1:20)
Prerequisites	None
Certifications/Permits/ Licenses	Pending POST, DHS, and CalOES approval
Course Cost	Please contact SenseMakers LLC
Course Vendor(s)	California Cybersecurity Institute
Customer/Government- Provided Equipment	N/A
Contractor Provided Equipment	None
Student Materials	<ul style="list-style-type: none"><li>▪ Print and Digital courseware</li></ul>
Schedule of Events	Under development



## Maritime Interdiction for Law Enforcement

### Course Description

This course provides officers with the needed skills to conduct maritime interdiction in a permissive or non-permissive environment.

### Performance Objectives

Officers will gain knowledge of boarding, seizing control and tactically clearing using CQB techniques various maritime platforms.

<b>Max Students/Course</b>	30
<b>Duration</b>	4 days (32 hours)
<b>No. Instructors</b>	3 (1:10)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	Certificate given upon completion
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Defoor Consulting Inc.
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom/training facility for 30 students <ul style="list-style-type: none"> <li>○ Pool</li> <li>○ Ships</li> <li>○ Rappel tower</li> <li>○ Or fire department training facility</li> </ul> </li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> <li>▪ A/V equipment</li> </ul>
<b>Contractor Provided Equipment</b>	Instructors provide their own: <ul style="list-style-type: none"> <li>▪ Gear</li> <li>▪ Weapons</li> <li>▪ Ammunition</li> </ul>
<b>Student Materials</b>	Students much provide their own: <ul style="list-style-type: none"> <li>▪ Gear</li> <li>▪ Weapons</li> <li>▪ Ammunition</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 4 days for a total of 32 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Mass Fatality Management

### Course Description

The course will provide an introduction to mass fatalities incidents. It will cover the main tasks that need to be done to plan for, operate at the scene of, and recover from mass fatalities incidents. This will incorporate the elements of Mass Fatalities Incidents, characteristics that drive the response, and anticipate reactions to mass fatalities incidents that drive the response.

### Performance Objectives

- Describe the characteristics of a mass fatalities incident
- Identify the roles and responsibilities of key players in a mass fatalities incident
- Describes the steps required to respond to a mass fatalities incident
- Assess your local Mortuary Annex
- Describe critical operational activities
- Explain how the Family Assistance Center supports families and aids in identification
- Identify the requirements to ensure that the psychological needs of responders are addressed
- Recognize the importance of stress management debriefings for responders at a mass fatalities incident
- Identify the resources that are available at the local, State, and Federal levels
- Apply the principles of ICS in response to a simulated incident

<b>Max Students/Course</b>	30		
<b>Duration</b>	3 day (18 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ ICS 100 – An Introduction to the Incident Command System</li> <li>▪ IS 700 – An Introduction to the National Incident Management System</li> </ul>		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0830 – 1900</b>	<b>Classroom Lecture and Practical Exercises</b>
		0830 – 1030	Introduction and Course Overview
		1030 – 1145	Break
		1145 – 1345	Module 1: Incident Management
		1345 – 1445	Lunch
		1300 – 1400	Planning the Damage Assessment Program
		1445 – 1645	Module 2: Pre-Incident Planning
		1645 – 1700	Break
		1700 – 1900	Module 3: Mass Fatalities Operations

<b>DAY 2</b>	<b>0800 – 1900</b>	<b>Classroom Lecture and Practical Exercises</b>
	0830 – 1030	Module 4: Mass Fatalities Operations
	1030 – 1145	Break
	1145 – 1345	Module 5: Establishing the Morgue
	1345 – 1445	Lunch
	1445 – 1645	Module 5: Family Assistance Support Operations
	1645 – 1700	Break
	1700 – 1900	Module 6: Federal Assistance for Mass Fatalities Incidents
<b>DAY 3</b>	<b>0830 – 1030</b>	<b>Tabletop Exercise</b>
	0830 – 1030	Module 7: Mass Fatalities Tabletop Exercise
<b>Total Time</b>	<b>18 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## Medical Health Operations Center Support Activities

### Course Description

Medical Health Operations Center Support Activities (MHOCSA) - CA-010-RESP: This course trains medical personnel to become an effective team member in performing basic medical health disaster roles and responsibilities in an Emergency Operations Center (EOC), or Departmental Operations Center (DOC), per the Standardized Emergency Management System (SEMS) and the California Public Health and Medical Emergency Operations Manual.

### Performance Objectives

- Identify course content, delivery format, schedule, objectives, and instructors and participant expectations
- Identify the four SEMS EOC positions related to the MHOCSA EOC Support Program
- Recall the MHOCSA EOC Support Program expectations and standard

<b>Max Students/Course</b>	30		
<b>Duration</b>	2 days (16 hours) <i>Virtual course pending, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Students receive CSTI Certification upon course completion. Course certification by CSTI is subject to their discretion and will be requested in advance of course conduct.		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Constant and Associates		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ LCD projector</li> <li>▪ Computer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	8 hours	Course Introduction
	Unit 2		Disasters, SEMS, and NIMS
	Unit 3		CPH&M EOM – The Public Health & Medical Emergency Response System
	<b>DAY 2</b>		
	Unit 4	8 hours	The Fab Four MHOCSA SEMS EOC Positions
	Unit 5		EOC Management Principles & Application
	Unit 6		MHOCSA Tabletop Exercise
	Unit 7		Course Summary, Exam, Adjourn
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Medical Response to the Active Shooter and Mass Casualty Incident for Fire and EMS

### Course Description

This 8-hour course is designed for non-tactical EMTs and Paramedics to learn the principals and concepts of providing care at an active shooter or mass casualty event. Students learn how to use all of the components of the Casualty Response Kit which is issued at the conclusion of the course.

### Performance Objectives

Students will learn operational principals, point of wounding care and TECC guidelines. Students will become familiar with the concept of interoperability and implementation with their local fire and EMS and Law Enforcement agencies. Students will also learn and practice tourniquet application, chest seal application, and needle decompression as well as basic rapid airway management.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS, Cal OES, and POST approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	International School of Tactical Medicine (ISTM, LLC)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Training aides</li> <li>AV equipment</li> <li>Instruction materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Casualty response kit</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 1000	Introduction/interoperability with LE and Fire
		1000 – 1015	Break
		1015 – 1200	Wounding care, tourniquet, airway
		1200 – 1300	Lunch
		1300 – 1500	Wounding care, chest seal, skill set practice
		1500 – 1515	Break
		1515 – 1630	Operational principals/hands on practice
		1630 – 1700	Q&A and out brief
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Medical Specialist

### Course Description

This course is designed to meet the initial training requirements for FEMA USAR Medical Specialist and Medical Team Manager. The course covers team deployments, medical operations, safety, medical and rescue techniques.

### Performance Objectives

Students will be able to identify and perform the tasks and functions associated with the Medical Specialist and Medical Team Manager positions on a FEMA USAR Team.

<b>Max Students/Course</b>	40
<b>Duration</b>	5 days (40 hours) <i>Virtual course pending, please contact us for more details.</i>
<b>No. Instructors</b>	2 (2:20)
<b>Prerequisites</b>	Best suited for personnel with a minimum medical training to Paramedic Level.
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA)
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Appropriate training site</li> <li>▪ Classroom for 40 students</li> <li>▪ Tables and chairs</li> <li>▪ AV capability</li> <li>▪ USAR equipment cache</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Consumable supplies and equipment to facilitate course</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 35 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## MGT-440: Sports and Special Events Incident Management

### Course Description

This course emphasizes the unique aspects of response to an incident occurring during a sports/special event, including considerations for business continuity and after-action activities. You will learn the skills necessary to effectively manage an incident by applying and implementing a multi-disciplinary management team approach as described in the National Incident Management System (NIMS).

The course is designed to help develop athletic department staff, facility management personnel, campus public safety personnel, emergency response supervisors, and others involved in sports/special event management to better manage incidents that could occur during an event.

At the end of the course a practical application exercise can be customized to your facility where the course is held.

### Performance Objectives

- Demonstrate knowledge of issues related to crisis that may occur during sporting or special events
- Application of incident management for crisis at special events
- Identify potential risks to sports and special events
- Develop mitigation strategies that could lessen or alleviate the impact of those risks
- Identify consequence management issues as they relate to event management
- Understand the role of DHS Protective Security Advisors in conducting site assistance visits and venues
- Understand the role of partnerships in planning for special events
- How to conduct a situational assessment
- Define the critical components of an incident action plan using SMART objectives
- Resiliency strategies for special events

<b>Max Students/Course</b>	30		
<b>Duration</b>	2 day (16 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Recommended or Mandatory Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ AWR-167 - Sport Event Risk Management</li> <li>▪ IS-200.b - ICS for Single Resources and Initial Action Incidents</li> </ul>		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0830 – 1900</b>	<b>Classroom Lecture and Practical Exercises</b>
		0830 – 1030	Introduction and Course Overview
		1030 – 1145	Break

	1145 – 1345	Module 1: Risk Identification and Mitigation Strategy Development for Sports and Special Events
	1345 – 1445	Lunch
	1445 – 1645	Module 2: Stakeholders, Partnerships and Sports and Special Events Management
	1645 – 1700	Break
	1700 – 1900	Module 3: Event Planning
<b>DAY 2</b>	<b>0800 – 1900</b>	<b>Classroom Lecture and Practical Exercises</b>
	0830 – 1030	Module 4: Managing Incident Response at Sports and Special Events
	1030 – 1145	Break
	1145 – 1345	Module 5: Creating Resiliency for Sports and Special Events
	1345 – 1445	Lunch
	1445 – 1645	Module 5: Creating Resiliency for Sports and Special Events (Cont.)
	1645 – 1700	Break
	1700 – 1900	Module 6: Post-Test and Capstone Exercise
<b>Total Time</b>	<b>16 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## MGT-455: Radiological Operations Support Specialist (ROSS) Training

### Course Description

This course trains radiological specialists to become candidates for the position of Radiological Operations Support Specialist (ROSS) Type 3. A ROSS is a State and local Subject Matter Expert (SME) tasked with identifying and providing critical information pertaining to radiological or nuclear incidents to responders, Key Leaders, and decision-makers in an ICS environment. The ROSS will assist the Incident Commander and Key Leaders by making the technical aspects of a coordinated response clear and understandable to all State and local stakeholders.

### Performance Objectives

- Provides subject-matter expertise and guidance on questions about radiation, the environment, hazard modeling, data and risk management, public protective actions, and other scientific and technical issues to incident response leaders at any level
- Gathers, organizes, synthesizes, documents, and distributes incident and resource information to improve situational awareness at all levels of incident management
- Can clearly explain the implications of modeling, measurement, and analysis methods, as well as the health risks and hazards that exist during a radiological or nuclear incident
- May function as a ROSS Strike Team Leader when serving as a Type 1 or Type 2 ROSS as part of a ROSS Strike Team

<b>Max Students/Course</b>	30		
<b>Duration</b>	4 day (28 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ ICS-100.b Introduction to Incident Command System</li> <li>▪ ICS-200.b ICS for Single Resources and Initial Action Incidents</li> <li>▪ IS-700.a: National Incident Management System (NIMS)</li> <li>▪ IS-800.c: An Introduction to the National Response Framework</li> <li>▪ PER 307-W Introduction to IND Efforts and Response Strategies (Web-based)</li> <li>▪ PER-325-W: RadResponder Mobile App</li> </ul>		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Course Introduction
		0830 – 1200	Introduction to ROSS
		1200 – 1300	Lunch
		1300 – 1530	ROSS Toolkit
		1530 – 1700	Day 1 debrief

<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0930	Introduction
	0930 – 1200	Rad Decon Tool
	1200 – 1300	Lunch
	1300 – 1500	Rad Decon Tool (Cont.)
	1500 – 1700	Day 2 debrief
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0930	Introduction
	0930 – 1200	Rad Responder for ROSS
	1200 – 1300	Lunch
	1300 – 1600	Rad Responder for ROSS (Cont.)
	1600 – 1700	Day 3 debrief
<b>DAY 4</b>	<b>0800 – 1300</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	NPP Modeling
	0900 – 1000	RadResponder Drill
	1100 – 1200	Lunch
	1200 – 1300	Conclusion & Closing
<b>Total Time</b>	<b>28 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Mitigating Issues in Protecting Places of Worship – Lessons Learned and Security Best Practices

### Course Description

Presentation will feature a highly informative presentation designed to provide security Practitioners with an understanding of the threat landscape, security best practices and resources for Houses of Worship. Analytical case study of the most consequential mass shootings at faith-based venues in modern history: the recent Tree of Life synagogue in Pittsburgh, Pennsylvania; First Baptist Church in Sutherland Springs to be discussed.

### Performance Objectives

- Understanding the need for a security program. Identifying threats and risks
- Conduct security assessments of their organizations leading to the development of a security resilient program
- Planning, training, and response to adverse events within their organization
- Establish and maintain critical relationships

<b>Max Students/Course</b>	40		
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:40)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS Office of Faith Based and Community Outreach Certified Partner		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 40 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction
		0830 – 0900	Module One: Case for Need
		0900 – 1100	Module Two: Assessments, program development and response
		1100 – 1200	Module Three: building trusted relationships
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break





## Multi-Assault Counter Terrorism Action Capability (MACTAC)

### Course Description

Multiple-Assault Counter Terrorism Action Capability (MACTAC) is the new tactical philosophy offering extreme flexibility to your department's or agency's response to any Active Shooter situation. MACTAC is a scalable response to the full spectrum of Active Shooter events and allows department leaders the confidence of relying on experts to design your response while maintaining the ability to respond to additional attacks. MACTAC Officers Course builds on what your officers already know: established Active Shooter Tactics. This advanced program trains the First Responder and the First Responding Supervisory personnel in the ability to act rapidly and significantly and makes your personnel proficient in working in a Contact Team and familiar with Squad concepts. \*MACTAC combines both lectures and advanced tactics for Officers.

### Performance Objectives

The MACTAC Officers Course provides your personnel with the following capabilities:

- Denying the Active Shooter the ability to maneuver and locate additional victims
- Using tactical tools to react to all Active Shooter responses, from a single Active Shooter through Multiple Terrorist attacks

Benchmark Activities:

Supervisory flexibility to design the response to effectively out-gun and out-maneuver the assailant:

- Training in new concepts: Bounding Over watch and Contact-Cover Concepts of a MACTAC Squad
- The incorporation of Mutual Aid response and NIMS/ICS throughout the training

This training is designed to make all of your personnel proficient in working in a Contact Team and familiar with Squad concepts.

<b>Max Students/Course</b>	20
<b>Duration</b>	2 days (16 hours)
<b>No. Instructors</b>	2 (1:10)
<b>Prerequisites</b>	Must be an active member of a law enforcement agency
<b>Certifications/Permits/ Licenses</b>	POST Approved
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Security Solutions International
<b>Customer/Government- Provided Equipment</b>	<ul style="list-style-type: none"><li>▪ Training venue</li><li>▪ Training equipment including SIMS</li><li>▪ CQB safety gear</li></ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"><li>▪ Trainer's aids</li><li>▪ Pyrotechnic devices</li></ul>
<b>Student Materials</b>	<ul style="list-style-type: none"><li>▪ Lectures</li><li>▪ Presentations</li><li>▪ Drills</li><li>▪ Exercise</li></ul>
<b>Schedule of Events</b>	<b>DAY 1</b> <b>0800 – 1700</b> <b>Classroom Lecture and Practical Exercises</b>

*(Estimate)*

	0800 – 0900	Class Welcome
	0900 – 1030	MACTAC Classroom Presentation
	1030 – 1200	IARD Tactics
	1200 – 1300	Lunch
	1300 – 1430	Bounding Tactics
	1430 – 1630	Squad Tactics
	1630 – 1700	Closing Activities
<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0830	Rollcall / Accountability / Course Review / Equipment Handout
	0830 – 1100	Scenario Based Training
	1100 – 1200	Lunch
	1200 – 1430	Obstacle Negotiation
	1430 – 1630	Scenario Overviews
	1630 – 1700	Closing Activities / Secure Equipment / Class Critique & Brief / Certifications
<b>Total Time</b>	<b>16 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## NAEMT Trauma First Responder

### Course Description

Trauma First Responder is an 8-hour course that trains those who are responsible for the trauma care provided prior to the arrival of EMS. This course is aimed at firefighters and police officers along with industrial first aid squads and others who will render care in the first few moments after a traumatic event. The course consists of interactive lectures and skill stations.

### Performance Objectives

Students will be able to identify and treat signs and symptoms of the trauma patient from a prehospital perspective.

<b>Max Students/Course</b>	20		
<b>Duration</b>	1 day (8 hours) <i>Virtual course pending, please contact us for more details.</i>		
<b>No. Instructors</b>	5 (1:4)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	NAEMT		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 20 students</li> <li>Tables and chairs</li> <li>Whiteboard</li> <li>A/V capability</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Manikins</li> <li>ALS/BLS consumable supplies</li> <li>Computer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<i>(Estimate)</i>		0800 – 0815	Introductions
		0815 – 0830	Overview
		0830 – 0910	Principles of Patient Assessment and Management
		0910 – 0925	Break
		0925 – 1005	Airway, Oxygenation and Ventilation
		1005 – 1035	Circulation and Shock
		1035 – 1120	Head (Brain) and Spinal Trauma
		1120 – 1250	Skills Stations
		1250 – 1400	Lunch
		1400 – 1530	Interactive Skills Stations
		1530 – 1545	Break
		1545 – 1630	Golden Principles of Prehospital Trauma First Response
		1630 – 1700	Closeout
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Night Vision/Infrared Laser Skill for Law Enforcement

### Course Description

This course provides officers with the needed skills to safely and properly employ NVGs and lasers in a tactical situation.

### Performance Objectives

Officers will gain knowledge of accuracy, fundamentals, positions, and target identification while using a NVGs and lasers.

<b>Max Students/Course</b>	30
<b>Duration</b>	2 days (16 hours)
<b>No. Instructors</b>	3 (1:10)
<b>Prerequisites</b>	None
<b>Certifications/Permits/ Licenses</b>	Certificate given upon completion
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Defoor Consulting Inc.
<b>Customer/Government- Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom/training facility for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> <li>▪ A/V equipment</li> </ul>
<b>Contractor Provided Equipment</b>	Instructors provide their own: <ul style="list-style-type: none"> <li>▪ Gear</li> <li>▪ Weapons</li> <li>▪ Ammunition</li> </ul>
<b>Student Materials</b>	Students much provide their own: <ul style="list-style-type: none"> <li>▪ Gear</li> <li>▪ Weapons</li> <li>▪ Ammunition</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 2 days for a total of 16 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## O-305: All-Hazards Incident Management Team (AHIMT)

### Course Description

This five-day course provides students with a solid foundation of the activities, processes, leadership elements, and the knowledge, skills, and abilities (KSAs) necessary to function within the framework of a Type 3 AHIMT deployed to an incident or planned event. The course is considered fast-paced, highly interactive, and challenging as the students, formed into the Command and General Staff positions on an All-Hazards Incident Management Team, navigate through multiple activities and rapidly expanding incident scenarios. The course includes a comprehensive review of the roles and responsibilities of each of the Incident Command System (ICS) Command and General Staff positions, their roles as leaders of their sections or functional areas, leadership and teambuilding, and decision-making under stress.

### Performance Objectives

- Learning the basic foundational KSAs necessary to perform in an ICS position on an AHIMT
- Operationalizing the components of the NIMS and NRF for use in the field
- Offering practical experience of on-scene operations through extensive exercises and simulations that provide multiple opportunities to perform as members of a Type 3 AHIMT during simulated incidents

<b>Max Students/Course</b>	30
<b>Duration</b>	5 day (40 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1:15)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ ICS 100 – An Introduction to the Incident Command System</li> <li>▪ ICS 200 – Basic Incident Command System for Initial Response</li> <li>▪ ICS 300 – Intermediate Incident Command System for Expanding Incidents</li> <li>▪ ICS 400 – Advanced Incident Command System Command and General Staff - Complex Incidents</li> <li>▪ IS-700 – National Incident Management System (NIMS)</li> <li>▪ IS-800 – An Introduction to the National Response Framework</li> </ul>
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Elite Command Training, Industrial Emergency Council, Industrial Emergency Council, Integrated Solutions Consulting, Mozaik Solutions, Wiland Associates
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Officer Water Survival (OWS)

### Course Description

The Officer Water Survival (OWS) course provides a course of instruction to give the maritime public safety vessel operators the skills necessary to survive in and on the water. This course prepares the officer for the unexpected immersion into the water. A key element of this course will be the preparation of participants to become proficient in water survival skills and awareness on how to modify both duty and survival equipment to increase your chances of survival.

### Performance Objectives

Upon successful completion of the course, the student will demonstrate mastery of each of the objectives outlined in each module through a compilation of measures including objective testing, scenario review, class discussion, practical activities and homework.

<b>Max Students/Course</b>	20		
<b>Duration</b>	2 days (16 hours)		
<b>No. Instructors</b>	5 (1:4)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Course No. DHS-128-PROT in FEMA NTED Catalog		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	National Association of State Boating Law Administrators (NASBLA)		
<b>Customer/Government-Provided Equipment</b>	Host agency will be required to provide two fully outfitted and nationally qualified divers for the duration of the course. Contact SenseMakers for Course Overview for pool requirements.		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Visual Training Aids</li> <li>Body Armor</li> <li>Under Belt</li> <li>Weighted Duty Belts</li> <li>Inherently buoyant and inflatable PFDs</li> <li>Red Man Gear</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 1130	Course Introduction and Overview
		1130 – 1300	Lunch, dress, and gear handout
		1300 – 1700	Pool Activities
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Pool Activities (Cont.)
		1200 – 1330	Lunch
		1330 – 1700	Pool Activities (Cont.)
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1.5 hours) and Regular Breaks (2 – fifteen (15) minute breaks)



## OneNote: Digital Case Management

### Course Description

This course provides practical application experience for law enforcement personnel working with MICROSOFT OneNote®. OneNote is highly capable of managing, storing, and sharing investigations materials but is often overlooked for more expensive, proprietary solutions. Law enforcement investigations / public safety case studies are used throughout the course.

### Performance Objectives

Upon completion of this course attendees will be able to deploy OneNote in an emergency situation to coordinate emergency response and real-time data collection and sharing.

Max Students/Course	40																					
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>																					
No. Instructors	2 (1:30)																					
Prerequisites	None																					
Certifications/Permits/Licenses	Cal OES Approved																					
Course Cost	Please contact SenseMakers LLC																					
Course Vendor(s)	Police Technical																					
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ Tables and chairs</li><li>▪ LCD Projector or flatscreen</li><li>▪ Lighting controls</li><li>▪ Podium</li><li>▪ Classroom seating</li><li>▪ OneNote accessible computer for each student</li></ul>																					
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>																					
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li><li>▪ Certificate of completion</li><li>▪ Access to post-class online materials</li></ul>																					
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>1200 – 1300</td><td>Lunch</td></tr><tr><td>DAY 2</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>1200 – 1300</td><td>Lunch</td></tr><tr><td>Total Time</td><td>16 hours (approx.)</td><td></td></tr></table>	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises		0800 – 1700	Classroom Lecture and Practical Exercises		1200 – 1300	Lunch	DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises		0800 – 1700	Classroom Lecture and Practical Exercises		1200 – 1300	Lunch	Total Time	16 hours (approx.)	
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DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises																				
	0800 – 1700	Classroom Lecture and Practical Exercises																				
	1200 – 1300	Lunch																				
Total Time	16 hours (approx.)																					
(Estimate)																						

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Online Investigations

### Course Description

This course provides an accelerated introduction to the constantly evolving dynamics of online criminal investigations. Students will explore standard (and unconventional) investigative techniques and approaches to conducting online investigations. Hands-on activities involve case studies of homicide, narcotics, and other crimes with online connections.

### Performance Objectives

Upon completion of this course attendees will be able to participate in their own online investigations. Topics and applications are NOT limited to law enforcement but run the entire gamut of UASI objectives.

<b>Max Students/Course</b>	40		
<b>Duration</b>	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Police Technical		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 40 students</li> <li>Tables and chairs</li> <li>LCD Projector or flatscreen</li> <li>Lighting controls</li> <li>Podium</li> <li>Classroom seating</li> <li>Internet accessible computer for each student</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> <li>Certificate of completion</li> <li>Access to post-class online materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## Open Sources Investigations

### Course Description

This course provides a structured survey of free unsecured websites (“open” sources) available to law enforcement personnel investigating criminals and criminal activities. Portions of the course are hands-on and will require personnel to have a laptop with unfettered access to the internet (no site blocking software).

### Performance Objectives

Upon completion of this course attendees will be better able to access information points facilitating open source investigations. Not limited to law enforcement activities.

Max Students/Course	40																					
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>																					
No. Instructors	2 (1:30)																					
Prerequisites	None																					
Certifications/Permits/Licenses	Cal OES Approved																					
Course Cost	Please contact SenseMakers LLC																					
Course Vendor(s)	Police Technical																					
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ Tables and chairs</li><li>▪ LCD Projector or flatscreen</li><li>▪ Lighting controls</li><li>▪ Podium</li><li>▪ Classroom seating</li><li>▪ Internet accessible computer for each student</li></ul>																					
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>																					
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li><li>▪ Certificate of completion</li><li>▪ Access to post-class online materials</li></ul>																					
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DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises																				
	0800 – 1700	Classroom Lecture and Practical Exercises																				
	1200 – 1300	Lunch																				
Total Time	16 hours (approx.)																					
(Estimate)																						

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Open Water Rescue Boat Operator – Large Vessel

### Course Description

This course provides classroom instruction and practical application to develop competency for open-water rescue boat operations. The course is designed specifically for open-water environments and is not appropriate for environments with river and flood or surf environments.

### Performance Objectives

By the end of this course, the student will be able to demonstrate, through activities and final exam, an understanding of the duties, responsibilities, and capabilities of operating an open water rescue large vessel boat (recommended length 18 to 40 feet).

Max Students/Course	24		
Duration	5 days (40 hours)		
No. Instructors	5 (1 Lead/5 Support)		
Prerequisites	Recommended: <ul style="list-style-type: none"><li>Open Water Rescue Boat Operator – Small Vessel</li></ul>		
Certifications/Permits/Licenses	DHS and State Fire Marshall approved		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	Industrial Emergency Council		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>Classroom for 24 students</li><li>AV capability</li><li>White board</li><li>Easels</li><li>18’ to 40’ boat</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>Projector</li><li>Laptop</li><li>Easel pads</li><li>Wall posters</li><li>18’ to 40’ boat</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>All printed course materials</li><li>Electronic files</li></ul>		
Schedule of Events	DAY 1		
(Estimate)	Unit 1	8 hours	Course Introduction
	Unit 2		Pre and Post-operational Consideration
	Unit 3		Basic Boat Handling
	DAY 2		
	Unit 4	8 hours	Rules of the Road, Weather, Tides and Maintenance
	Unit 5		Intermediate Boat Handling
DAY 3			
Unit 6	8 hours	Operating in Shallow Waters	
Unit 7		Communications, Navigation and Local Area Orientation	
DAY 4			
Unit 8	8 hours	Advanced Boat Handling	
Unit 9		Night Operations	



<b>DAY 5</b>		
Unit 10	8 hours	Dynamic Boat Handling
Unit 11		Demobilization, Incident Closeout, and Course Closeout
		Expectations Review
		Course Final
<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Open Water Rescue Boat Operator – Small Vessel

### Course Description

This course provides classroom instruction and practical application to develop competency for open-water rescue boat operations. The course is designed specifically for open-water environments and is not appropriate for environments with river and flood or surf environments.

### Performance Objectives

By the end of this course, the student will be able to demonstrate, through activities and final exam, an understanding of the duties, responsibilities, and capabilities of operating an open water rescue off small vessel boats (recommended length up to 18').

<b>Max Students/Course</b>	24		
<b>Duration</b>	4 days (32 hours)		
<b>No. Instructors</b>	3 (1 Lead/2 Support)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/ Licenses</b>	DHS and State Fire Marshall approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Industrial Emergency Council		
<b>Customer/Government- Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 24 students</li> <li>▪ AV capability</li> <li>▪ White board</li> <li>▪ Easels</li> <li>▪ Up to 18' boat</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Projector</li> <li>▪ Laptop</li> <li>▪ Easel pads</li> <li>▪ Wall posters</li> <li>▪ Up to 18' boat</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> <li>▪ Electronic files</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	8 hours	Course Introduction
	Unit 2		Pre and Post-operational Consideration
	Unit 3		Basic Boat Handling
	<b>DAY 2</b>		
	Unit 4	8 hours	Rules of the Road, Weather, Tides and Maintenance
	Unit 5		Identifying Motor Maintenance Requirements
	Unit 6		Intermediate Boat Handling
	<b>DAY 3</b>		
	Unit 7	8 hours	Communications, Navigation and Local Area Orientation
	Unit 8		Advanced Boat Handling
	<b>DAY 4</b>		
	Unit 9	8 hours	Dynamic Boat Handling
	Unit 10		Demobilization, Incident Closeout, and Course Closeout
			Expectations Review
			Course Final



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<b>Total Time</b>	32 hours (approx.)
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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)
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## Open Water Rescuer - Basic

### Course Description

This course provides detailed information, and the skills training required, to improve an individual's level of comfort and confidence for safety and proficiently performing contact rescues in static and surf water conditions. Safety is strongly emphasized through the class. Risk management is reinforced during every skill to establish your likely level of comfort in the water and to identify and overcome your limitations.

### Performance Objectives

By the end of this course the student will have the knowledge, skills, and abilities of an open water rescue swimmer. Through activities, lectures and exercises, the student will understand "offensive" vs "defensive" water rescues, and confidence in performing contact rescues in the static water and surf environments. Through a timed test, the student will show their proficiency in swim stroke, water flow, and rescue devices. The student will demonstrate safety through the topics of self-rescue, combatant victims, risk management, and understanding water movement and forces.

Max Students/Course	32		
Duration	3 days (24 hours)		
No. Instructors	4 (1:8)		
Prerequisites	All AHJ devise or adopt a minimum swim capability standard based on the response area needs. A realistic evaluation of rescuer’s water survival skills should be conducted by the AHJ to meet this requirement. It is recommended that the AHJ use an annual swim test standard that meets or exceeds the International Association of Dive Rescue Specialists (ADRS) Annual Watermanship Test		
Certifications/Permits/Licenses	State Fire Training approved		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	Industrial Emergency Council		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>Swimming</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>Pool permit</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>All printed course materials</li><li>Electronic files</li><li>USLA OWR Manual</li></ul>		
Schedule of Events	DAY 1		
(Estimate)	Unit 1	8 hours	Course Introduction
	Unit 2		Philosophy and Duties of the Open Water Rescuer
	Unit 3		Environmental Risk Assessment/PPE
	Unit 4		Victim Recognition and Assessment
	Unit 5		Recognizing the Distress Signs of a Swimmer
	Unit 6		Components of a Swimming Rescue
	Unit 7		Communication and Hand Signals
	Unit 8		Conducting Witness Interview
	Unit 9		Swimming Ability
	Unit 10		Methods of Reading and Entering the Water
	Unit 11		Capabilities and Limitations of a Rescue Paddle Board
	DAY 2		
	Unit 12	8 hours	Approaching a Victim
	Unit 13		Performing Rescues and Rescue Tube
	Unit 14		Performing Rescue with a Rescue Can
Unit 15	Performing a Subsurface Rescue		

<b>DAY 3</b>		
Unit 16	8 hours	Incident Command (ICS) for Water Rescue
Unit 17		Familiarization of Operations Around Helicopters
Unit 18		Reduced Visibility Responses
Unit 19		Rescue from a Boat, Pier, Rock, Cave, Kelp Beds
Unit 20		Deployment and Retrieval of Open Water Rescue to a Watercraft, Boat
Unit 21		Distressed Swimmer Rescue Scenario
Unit 22		Distressed Victim(s) from a Disabled Watercraft Scenario
<b>Total Time</b>	24 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Operational Response to Mass Casualty Incidents (ORMAC)

### Course Description

After attending this program, participants will understand and recognize the fundamentals of mass casualty situations in public health emergencies and define the significance of medical treatment during such situations. Participants will learn how to evaluate current data to produce up-to-date emergency programs and procedures, as well as learn the difference between chemical, biological, and radiological terrorism. Students will learn how to identify the steps to prepare for crisis communication in the hospital setting. The subject matter expert for this course is Dr. Mauricio Lynn, Professor of Surgery at Ryder Trauma Center in University of Miami.

### Performance Objectives

Participants will demonstrate through a tabletop exercise that they effectively understand the concepts of hospital and mass casualty incident community preparedness.

#### Benchmark Activities:

- Organization of drills
- Adapting the Israeli approach to the American medical response
- Community Preparedness and experience from Disaster and Mass casualty incident preparedness

<b>Max Students/Course</b>	100		
<b>Duration</b>	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:100)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>			
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Security Solutions International		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Training venue</li> <li>▪ AV equipment</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Presentation</li> <li>▪ Tabletop exercise</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Lectures</li> <li>▪ Study materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<i>(Estimate)</i>		0800 – 0830	Class Welcome
		0830 – 0930	Disaster Preparedness in America
		0930 – 1200	Definition and characteristics of mass casualty incidents (MCIs) and Epidemiology of Conventional MCIs
		1200 – 1300	Lunch
		1300 – 1400	Principles of Pre-Hospital triage
		1400 – 1500	Tourniquets in the field
		1500 – 1600	“Scoop and Run” for MCIs
		1600 – 1700	Blast injuries and Medical management of conventional injuries
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Class welcome
		0830 – 0900	Chemical / Toxicological Mass Casualties
		0900 – 1000	Decontamination for chemical/toxicological events
		1000 – 1030	Hospital Preparedness for chemical/toxicological MCIs



1030 – 1200	Video + Discussion - Decontamination for chemical warfare
1200 – 1300	Lunch
1300 – 1400	Biological events and Radiation/Nuclear events
1400 – 1500	Disaster plan and Surge Capacity
1500 – 1600	Hospital activation for MCI
1630 – 1700	Drills
<b>Total Time</b>	<b>16 hours (approx.)</b>

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## PER-304: Social Media for Natural Disaster Response and Recovery

### Course Description

This course provides participants with information on the strengths, challenges, and uses of social media sources and provides the skills and knowledge to integrate social media into their current communication plans for disaster response and recovery.

### Performance Objectives

- Participants will understand and practice the “Listen, Protect, Connect” psychological first aid model
- Explain why social media is important for Natural Disaster Response and Recovery
- Describe the major functions and features of common social media sites currently used for Natural Disaster Response and Recovery
- Describe the opportunities and challenges of using social media applications during the 5 phases of Natural Disaster Response and Recovery
- Describe better practices for using social media applications during the 5 phases of Natural Disaster Response and Recovery
- Describe the process for building the capabilities and to sustain the use of social media in a Natural Disaster Response and Recovery organization (State, local, tribal, territorial)

<b>Max Students/Course</b>	30
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>
<b>No. Instructors</b>	1 (1:30)
<b>Prerequisites</b>	While it is not required, it is preferred that participants be able to: <ul style="list-style-type: none"> <li>▪ Demonstrate the ability to access accounts and profiles using the three major social media applications (Facebook, Twitter &amp; YouTube)</li> <li>▪ Demonstrate the ability to send messages through Facebook &amp; Twitter</li> </ul>
<b>Certifications/Permits/Licenses</b>	N/A
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI), Mozaik Solutions
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Participants will be required to bring their own laptop or wi-fi enabled device to the training session for the hands-on exercises</li> <li>▪ Participants must come with log in and username of their official/test Twitter, Facebook, and Instagram accounts/You Tube and other accounts they use and be able to post-test messages on these accounts (Mozaik will help set up accounts during registration if participants do not have them prior to the class)</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>
<b>Schedule of Events</b>	<b>DAY 1                      0800 – 1200                      Classroom Lecture and Practical Exercises</b>

	0800 – 0830	Registration and social media setup on computer
	0830 – 0930	Introduction to Social Media: Understanding the Use of Social Media and Disaster Management
	0930 – 1000	Implementing Different Social Media Platforms for Disaster Management
	1000 – 1015	Break
	1015 – 1115	Facebook Hands-On
	1115 – 1200	Twitter/Instagram Hands-On
	<b>Total Time</b>	4 hours (approx.)

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## PER-343: Social Media Engagement Strategies

### Course Description

This training provides participants with the knowledge and skills to use social media strategies and concepts to better engage individuals and partner organizations.

### Performance Objectives

- Create social media messages for a given situation in the most appropriate content type
- Implement various strategies to maximize audience engagement on social media platforms
- Measure effectiveness of social media activity against specific goals
- Create a social media strategy by setting goals, completing a social media audit, improving social profiles, developing a content strategy, and evaluation the strategy

Max Students/Course	30		
Duration	1 day (8 hours)		
No. Instructors	2 (1:15)		
Prerequisites	Mandatory: <ul style="list-style-type: none"><li>PER-304 Social Media for Disaster Response and Recovery, or equivalent operational knowledge of Facebook, Twitter, and Instagram</li></ul> Recommended: <ul style="list-style-type: none"><li>IS-42, IS-100, IS-200, IS-700</li></ul>		
Certifications/Permits/Licenses	DHS and Cal OES approved		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	California Specialized Training Institute (CSTI)		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>Classroom for 30 students</li><li>Tables and chairs</li><li>Whiteboard</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>LCD projector</li><li>Computer</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>All printed course materials</li></ul>		
Schedule of Events	DAY 1		
(Estimate)	Unit 1	8 hours	Introduction and Overview
	Unit 2		Social Media Content: Types and Considerations
	Unit 3		Strategies for Audience Engagement
	Unit 4		Measuring Outcomes
	Unit 5		Design a Strategy for Emergency Managers
	Total Time	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## PER-344: Social Media Tools and Techniques

### Course Description

This course is designed to provide participants with the knowledge and skills to use social media tools and techniques for intermediate-level messaging, strategy, and increased situational awareness. This course builds upon the existing PER-304 Social Media for Natural Disaster Response and Recovery course by providing more participants with a more in-depth training in the use of strategy, tools, and messaging techniques in the use of social media. It goes beyond the implementation of the most popular tools and strategies and helps social media managers expand their organization's social media presence in various platforms to different audiences, in partnership with other agencies and organizations. This course will also give participants a better understanding of data mining and crowdsourcing techniques through practical activities and discuss potential uses for data visualization and mobile apps.

Participants will participate in group discussion and activities throughout the course that reinforce the use of social media tools for disaster management. In these activities, participants will apply their knowledge of the presented materials to build up to the final facilitator-led comprehensive activity.

### Performance Objectives

- Describe and evaluate the value of using various types of social media tools
- Create a social media strategy integrating tools, techniques, and best practices
- Use data mining and crowdsourcing techniques for information gathering
- Use crisis mapping and mobile apps in disaster management
- Apply social media tools and techniques in a comprehensive activity while implementing rumor-dispelling techniques

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (8 hours)		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<p>Mandatory:</p> <ul style="list-style-type: none"> <li>▪ PER-304 Social Media for Disaster Response and Recovery, or equivalent operational knowledge of Facebook, Twitter, and Instagram</li> </ul> <p>Recommended:</p> <ul style="list-style-type: none"> <li>▪ IS-42, IS-100, IS-200, IS-700</li> </ul>		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ LCD projector</li> <li>▪ Computer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	8 hours	Introduction and Overview
	Unit 2		Intermediate Social Media Tools
	Unit 3		Intermediate Social Media Techniques
	Unit 4		Using Data-mining and Crowdsourcing during Disasters
	Unit 5		Tabletop Exercise
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Personal Business Cybersecurity for End-Users

### Course Description

End users have become targets of Advanced Persistent Threats and social engineering perpetrated by malicious actors, including terrorists. These can cause breaches of confidential information and denial of service. The locations of information assets have grown from behind the firewall to employee homes, travel, and mobile devices. This course will teach end-users how to maintain the security not only of their personal information assets but also the information assets of their employers. Some of the practices to be studied include access control, encryption, physical security, home network configuration, virtual private networks, patching, insecure public networks, mobile device management, and more. Course will be taught in-person or online live instruction with materials.

### Performance Objectives

End users of information technology will learn how to work with information technology personnel to protect their computers and smartphones at the office or other organizational facility, at home, and on the road. They will learn the skills necessary to configure their home networks and operating systems securely.

Max Students/Course	30															
Duration	1/2 day (3 hours)															
No. Instructors	2 (1:15)															
Prerequisites	None															
Certifications/Permits/Licenses	DHS & Cal OES approval will be acquired prior to grant-supported course delivery															
Course Cost	Please contact SenseMakers LLC															
Course Vendor(s)	Filler Security Strategies Inc.															
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Computers per person</li><li>▪ Headphones or speakers</li><li>▪ Internet Access</li><li>▪ Video camera (optional)</li></ul>															
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Computer</li><li>▪ Headphones or speakers</li><li>▪ Internet Access</li></ul>															
Student Materials	<ul style="list-style-type: none"><li>▪ Digital course materials</li></ul>															
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1100</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>0800 – 0900</td><td>End-User Security in the Facility (e.g., office)</td></tr><tr><td></td><td>0900 – 1000</td><td>End-User and Network Security at Home</td></tr><tr><td></td><td>1000 – 1100</td><td>End-User Security while Travelling</td></tr><tr><td>Total Time</td><td colspan="2">3 hours (approx.)</td></tr></table>	DAY 1	0800 – 1100	Classroom Lecture and Practical Exercises		0800 – 0900	End-User Security in the Facility (e.g., office)		0900 – 1000	End-User and Network Security at Home		1000 – 1100	End-User Security while Travelling	Total Time	3 hours (approx.)	
DAY 1	0800 – 1100	Classroom Lecture and Practical Exercises														
	0800 – 0900	End-User Security in the Facility (e.g., office)														
	0900 – 1000	End-User and Network Security at Home														
	1000 – 1100	End-User Security while Travelling														
Total Time	3 hours (approx.)															

\*Schedule designed to also include the following:

- 1 – ten (10) minute break



## Personal Security Detail Training for Law Enforcement

### Course Description

This course provides officers with the needed skills to conduct PSD operations on foot or in a vehicle in a permissive or non-permissive environment.

### Performance Objectives

Officers will gain knowledge of planning and executing a security detail for any VIP.

<b>Max Students/Course</b>	30
<b>Duration</b>	2 days (16 hours)
<b>No. Instructors</b>	3 (1:10)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	Certificate given upon completion
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Defoor Consulting Inc.
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom/training facility for 30 students <ul style="list-style-type: none"> <li>○ Multiple facilities <ul style="list-style-type: none"> <li>▪ Airports</li> <li>▪ Stadiums</li> <li>▪ Restaurants</li> <li>▪ Open air venues</li> </ul> </li> </ul> </li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> <li>▪ A/V equipment</li> </ul>
<b>Contractor Provided Equipment</b>	Instructors provide their own: <ul style="list-style-type: none"> <li>▪ Gear</li> </ul>
<b>Student Materials</b>	Students much provide their own: <ul style="list-style-type: none"> <li>▪ Gear</li> <li>▪ Weapons</li> <li>▪ Ammunition</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 2 days for a total of 16 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## PIO and Community Involvement

### Course Description

This course provides instruction in the application and performance of a Public Information Officer. Built upon historically valid principles and techniques, this course provides proven directions for agencies wishing to improve their interaction with the public while taking a fresh look at community engagement and the role of the PIO.

### Performance Objectives

Upon completion of this course attendees will be better able to share information with various audiences (including internal and external audiences) in furtherance of agency goals and objectives. All media and forms are discussed with special emphasis in crisis communication, information sharing, response, and recovery.

<b>Max Students/Course</b>	40		
<b>Duration</b>	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Police Technical		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 40 students</li> <li>Tables and chairs</li> <li>LCD Projector or flatscreen</li> <li>Lighting controls</li> <li>Podium</li> <li>Classroom seating</li> <li>Internet accessible computer for each student</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> <li>Certificate of completion</li> <li>Access to post-class online materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## PIO Team Joint Information Center/Joint Information System Workshop

### Course Description

Participants will be aware of the various types of information they will encounter in a JIC/JIS and learn techniques to effectively manage each type in a JIC/JIS environment and appreciate the value of the many functions within the GWPA component of a JIC/JIS. Participants will understand the various methods they can use to disseminate emergency information to the public and will also appreciate the huge responsibility of a field information officer and the extensive level of experience and skill necessary to perform this function. Additionally, they will understand how the field functions and the JIC functions are connected to. At the end of the course, participants will simulate the dissemination of crisis information using several social media tools such as Facebook, Twitter, and Sound Cloud.

### Performance Objectives

- Participants will learn the seven steps of information management: 1) gather; 2) analyze; 3) organize, write, and produce; 4) approve; 5) document; 6) disseminate and 7) monitor
- 1) the techniques of gathering information from various sources associated with a crisis; 2) the “bullet point” form of writing which is the clearest and most efficient way to release emergency information; 3) the importance of supporting their text releases with graphics and maps that paint an immediate picture for the public and the media; and 4) how to evaluate and prioritize information and prepare it in an appropriate format for release
- learn to use media releases, media briefings, phone banks, and other Internet applications such as Blogging, Twittering, etc. Participants will create a website for future real-life incidents
- learn to conduct media briefings in the field, coordinate media access to emergency scenes, manage VIP visits, work with special interest groups, and provide public information at a variety of sites. They will also learn that the field PIO is the liaison between the JIC and the public, press, VIPs, and co-responders
- learn how to apply a variety of social media tools, including developing a short video with their smart phones, enabling them to implement the latest in technology during a crisis

<b>Max Students/Course</b>	40		
<b>Duration</b>	2 days (16 hours) <i>Virtual course pending, please contact us for more details.</i>		
<b>No. Instructors</b>	3 (1:15)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Survival Media Group		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 40 students</li> <li>▪ Tables and chairs</li> <li>▪ LCD Projector or flatscreen</li> <li>▪ Classroom seating</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1700	Classroom Lecture and Practical Exercises
		1200 – 1300	Lunch
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Pistol Skills for Law Enforcement

### Course Description

This course provides officers with the needed skills to safely and properly employ a pistol in a tactical situation.

### Performance Objectives

Officers will gain knowledge of accuracy, fundamentals, positions, and target identification while using a pistol.

<b>Max Students/Course</b>	30
<b>Duration</b>	2 days (16 hours)
<b>No. Instructors</b>	3 (1:10)
<b>Prerequisites</b>	None
<b>Certifications/Permits/ Licenses</b>	Certificate given upon completion
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	Defoor Consulting Inc.
<b>Customer/Government- Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom/training facility for 30 students</li> <li>Tables and chairs</li> <li>Whiteboard</li> <li>A/V equipment</li> </ul>
<b>Contractor Provided Equipment</b>	Instructors provide their own: <ul style="list-style-type: none"> <li>Gear</li> <li>Weapons</li> <li>Ammunition</li> </ul>
<b>Student Materials</b>	Students much provide their own: <ul style="list-style-type: none"> <li>Gear</li> <li>Weapons</li> <li>Ammunition</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 2 days for a total of 16 Hours of instruction
*Schedule designed to also include the following: <ul style="list-style-type: none"> <li>Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)</li> </ul>	



## Plainclothes Surveillance Operations

### Course Description

An in-depth three-day course on the tactics and techniques of surveillance and plainclothes operations. Topics include gear selection, rolling vehicular surveillance, foot mobile surveillance, technology, and team setup. The is a must-have course for TLO teams, investigation units, or any other non-uniformed personnel.

### Performance Objectives

Operational planning, surveillance techniques & strategies, resource management, GPS tracker installation & use, team configuration, effective communications.

<b>Max Students/Course</b>	30
<b>Duration</b>	3 days (24 hours)
<b>No. Instructors</b>	3 (1:10)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	None
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	The Raytom Group
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Whiteboard</li> <li>▪ A/V equipment</li> <li>▪ Hand-pack radio for each student</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Training GPS trackers</li> <li>▪ Scenario props</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Training reference materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Planning Section Training

### Course Description

This course is designed to enhance and exercise the student's knowledge of the planning section and the planning process (initial response and during the transition to extended response operations using an EOC/Incident Action Plan). This course emphasizes the needed interactions between all positions in the planning section, as well as interactions with the entire Incident Management Team and external entities.

### Performance Objectives

- Understand the roles and responsibilities of the planning section
- Understand the interaction of the planning section with internal and external EOC/Incident entities
- Understand the EOC/Incident planning process
- Participants demonstrate the ability to fulfill the roles and responsibilities of the planning section

<b>Max Students/Course</b>	30		
<b>Duration</b>	3 days (24 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ ICS 300 – Intermediate Incident Command System for Expanding Incidents</li> </ul>		
<b>Certifications/Permits/Licenses</b>	DHS & Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction
		0830 – 1000	Planning Section Roles & Responsibilities
		1000 – 1200	Establishing the Planning Section
		1200 – 1300	Lunch
		1300 – 1600	Planning Section Products and Services
		1600 – 1700	Functional Activity
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1000	Planning Section Interactions and Communications
		1000 – 1230	ICP/IMT Interactions and Information Sharing
		1230 – 1330	Lunch
		1330 – 1530	External Interactions & Information
		1530 – 1700	Functional Activity
	<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	The Planning Process (P)
		1200 – 1300	Lunch

	1300 – 1530	Functional Activity (Process & Forms)
	1530 – 1630	Other Processes Managed by Planning Section
	1630 – 1700	Course Summary
<b>Total Time</b>	24 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## PowerPoint for Public Safety

### Course Description

MICROSOFT PowerPoint is the international standard for the presentation of ideas and data. In this course, students learn how to specifically apply this tool to a law enforcement environment. Case studies range from Instruction to Investigations, Narcotics to Homicide. This course has been taught in California at CNOA, CA POST IDI, Contra Costa District Attorney's Office, WSIN, CV HIDTA, DOJ, and many others.

### Performance Objectives

Upon completion of this course attendees will be better able to share information visually utilizing PowerPoint. Students will find new applications for the program they have used for years.

Max Students/Course	40																					
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>																					
No. Instructors	2 (1:30)																					
Prerequisites	None																					
Certifications/Permits/Licenses	Cal OES Approved																					
Course Cost	Please contact SenseMakers LLC																					
Course Vendor(s)	Police Technical																					
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ Tables and chairs</li><li>▪ LCD Projector or flatscreen</li><li>▪ Lighting controls</li><li>▪ Podium</li><li>▪ Classroom seating</li><li>▪ PowerPoint accessible computer for each student</li></ul>																					
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>																					
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li><li>▪ Certificate of completion</li><li>▪ Access to post-class online materials</li></ul>																					
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>1200 – 1300</td><td>Lunch</td></tr><tr><td>DAY 2</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr><tr><td></td><td>1200 – 1300</td><td>Lunch</td></tr><tr><td>Total Time</td><td colspan="2">16 hours (approx.)</td></tr></table>	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises		0800 – 1700	Classroom Lecture and Practical Exercises		1200 – 1300	Lunch	DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises		0800 – 1700	Classroom Lecture and Practical Exercises		1200 – 1300	Lunch	Total Time	16 hours (approx.)	
DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises																				
	0800 – 1700	Classroom Lecture and Practical Exercises																				
	1200 – 1300	Lunch																				
DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises																				
	0800 – 1700	Classroom Lecture and Practical Exercises																				
	1200 – 1300	Lunch																				
Total Time	16 hours (approx.)																					
(Estimate)																						

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Pre-Disaster Photo Documentation

### Course Description

A fundamental requirement for receiving Federal disaster assistance is to properly document the property damaged or destroyed in a disaster. Without pre-disaster photographs of the facilities and assets, this becomes a difficult task. This workshop provides a simple, very low-cost method of creating the necessary photographic documentation needed to justify receipt of FEMA assistance. The workshop includes samples of properly taken photographs, a protocol for organizing the photo project, and taking actual photos with cell phones or digital cameras.

### Performance Objectives

Participants will learn the importance and value of having pre-disaster photos, and how to organize them in an easy to file, easy to recover methodology. Class includes information on photo organizing apps.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (3 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Projector and screen</li> <li>Lapel microphone or hand-held microphone</li> <li>Connection cables (HDMI and VGA) for projection system</li> <li>Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Thumb drive</li> <li>Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1100</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0845	Course Overview
		0845 – 1000	Taking the Photos
		1000 – 1100	Post-Disaster Photo Documentation
	<b>Total Time</b>	<b>3 hours (approx.)</b>	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## Precision Aim / XTK

### Course Description

There are times when we go down range that we cannot afford to miss our target and a general disruption will do more harm than good. There are a number of levels and uses for Precision Aim from the daily call that we need to insure we hit the target inside of the IED. To the no fail mission that mandates we take out the target or targets inside of the IED to ensure that the IED does not function.

### Performance Objectives

- Understand how to assemble and shoot X-Rays, obtain a firing solution, and hit the target using a barreled or conical shaped charge in a precise manner repeatably at any size target
- Have a safe working knowledge of how take a proper X-Ray using any of the standard X-Ray Systems being used in the EOD Community
- Understand the need and type of rounds that should be used in conjunction with Precision Aim
- Have a working knowledge of the common types of batteries used in IED's by criminal and terrorist bomb makers throughout the world
- Have a working knowledge of Circuit Speed and how to counter it using Precision Aim Techniques
- How to target a small item inside of a large IED to include Vehicles and hit those targets precisely and reliably
- The Bomb Technician will learn how to use known markers on or in an IED to obtain a firing solution when; the Grid Aim Panel is either in the wrong place or not present at all, to accurately hit the target item needed to render the IED safe

<b>Max Students/Course</b>	24
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	3 (1:7)
<b>Prerequisites</b>	HDS or Nav School EOD
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	WMDTech
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 24 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector</li> <li>▪ Screen</li> <li>▪ Outside area for X-Ray practical's</li> <li>▪ Range for live fire Precision Aim Shots</li> <li>▪ X-Ray Source and Processor (CR type) per team</li> <li>▪ Disruptor 12 gauge per team</li> <li>▪ Target vehicle per team (any type for vehicle precision aim)</li> <li>▪ 2400' roll of shock tube per team (note a team should consist of no more than 4 persons)</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Grid Aim Systems to include Grid Aim Boards</li> <li>▪ Shadow boxes with battery targets for block training</li> <li>▪ Fully functional and witnessed Inert training aids per team</li> <li>▪ Rounds of Winchester Super X rifled slug ammo</li> <li>▪ Rounds of .357 Ammo</li> <li>▪ PAN Disruptor</li> <li>▪ .357 Disruptors</li> <li>▪ Titan Disruptors</li> <li>▪ WMDTech Tactical Shock Tube Initiators</li> <li>▪ Training Computers for XTK classroom practical's (note a team should consist of no more than 4 persons)</li> </ul>



<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Handouts</li> <li>▪ Course Certificates</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0900	Introduction
		0900 – 1000	Targeting Components
		1000 – 1100	Precision Platform
		1100 – 1200	Precision Tools
		1200 – 1300	Lunch
		1300 – 1400	Magnification Factor
		1400 – 1500	X-Ray
		1500 – 1700	XTK
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	XTK Block Training
		1200 – 1300	Lunch
		1300 – 1500	Advanced X-Ray Techniques
		1500 – 1700	Simultaneous Impact Block Training
	<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture, Practical Exercises</b>
		0800 – 1200	Simultaneous Impact Block Training (Cont.)
		1200 – 1300	Lunch
		1300 – 1500	Simultaneous Impact Block Training (Cont.)
		1500 – 1700	Circuit Speed
	<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Practical Exercises / Block Training Single Battery Devices using .357, PAN and Titan Disruptors
		1200 – 1300	Lunch
		1300 – 1700	Practical Exercises / Block Training Single Battery Devices using .357, PAN and Titan Disruptors
	<b>DAY 5</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Practical Exercises / Block Training Single Battery Devices using .357, PAN and Titan Disruptors
		1200 – 1300	Lunch
		1300 – 1600	Practical Exercises / Block Training Single Battery Devices using .357, PAN and Titan Disruptors
		1600 – 1700	Review & Certificate Presentation
	<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Purchasing for Disaster Cost Recovery

### Course Description

The purchasing function is the single most important part of effective disaster cost recovery, and the most often cited for failure in the Department of Homeland Security's audits. Most agencies' purchasing policies and procedures DO NOT comply with Federal requirements, exposing the agency to losses that can easily run into the tens of millions of dollars.

### Performance Objectives

Participants will learn about the Federal procurement requirements in Title 2 of the Code of Federal Regulations, Part 200. They will learn how to conduct an agency self-analysis to determine their compliance with 2 CFR, Part 200. The course makes frequent use of both FEMA appeals cases and DHS audits to illustrate real life instances where local government agencies, in some cases, lost millions of dollars on the initial findings. The course includes both Excel spreadsheets and Adobe Acrobat forms.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1 day (7 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Projector and screen</li> <li>Lapel microphone or hand-held microphone</li> <li>Connection cables (HDMI and VGA) for projection system</li> <li>Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Thumb drive</li> <li>Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1600</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Review of Audit: Chambers County, Texas, DD-11-05
		0830 – 0900	Review of Audit: Tulane University, DD-13-11
		0900 – 0930	Review of Audit: FEMA's Dissemination of Procurement Advice Early in Disaster Response Periods, OIG-14-46-D
		0930 – 1000	FEMA Disaster Assistance Fact Sheet 9580.4, Emergency Work Contracting
		1000 – 1100	Review of Diagram: Disaster Related Purchasing
		1100 – 1200	"The Dirty Dozen" Most Common Purchasing Violations in Audits
		1200 – 1300	Lunch
		1300 – 1400	Exercise: The Price Is Right
		1400 – 1500	Case Study: Private Property Debris Removal - City of Hammond
		1500 – 1600	Calculating Repair V. Replacement
	<b>Total Time</b>	7 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Pursuit and Special Tactical Over-the-Rail Procedures (STOP)

### Course Description

The Pursuit and Stop (PAS) course provides a course of instruction to give maritime law enforcement officers the knowledge and skills necessary to perform pursuits of Non-Compliant Vessels in a safe, efficient and effective manner, and in accordance with Coast Guard, Customs and Border Protection and DHS standards and policies and stop those individuals on the water who attempt to evade and elude lawful interdiction orders.

### Performance Objectives

Upon successful completion of the course, the student will demonstrate mastery of each of the objectives outlined in each module through a compilation of measures including objective testing, scenario review, class discussion, practical activities and homework.

<b>Max Students/Course</b>	20		
<b>Duration</b>	3 days (24 hours)		
<b>No. Instructors</b>	5 (1:4)		
<b>Prerequisites</b>	Tactical Operators Course (TOC)		
<b>Certifications/Permits/Licenses</b>	Course No. DHS-128-PROT in FEMA NTED Catalog		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	National Association of State Boating Law Administrators (NASBLA)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Appropriate foul weather gear</li> <li>▪ Life jackets</li> <li>▪ 1 vessel for every 4 students</li> <li>▪ Classroom for 20 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Please contact SenseMakers for Simunition, shotgun blanks, and training gun requirements</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Visual Training Aids</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1000	Module One: Overview and Review of Pursuit Tactics
		1000 – 1200	Practical Exercise and Performance: (On the Water)
		1200 – 1300	Lunch
		1300 – 1200	Practical Exercise and Performance: (On the Water)
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1100	Module Two: UOF Review
		1100 – 1200	Practical Exercise and Performance: (On the Water)
		1200 – 1300	Lunch
		1300 – 1700	Practical Exercise and Performance: (On the Water)
	<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1000	Module Three: Special Tactics for Over-the-rail Procedures
		1000 – 1200	Practical Exercise and Performance: (On the Water)
		1200 – 1300	Lunch
		1300 – 1600	Practical Exercise and Performance: (On the Water)
		1600 – 1700	Final Evaluation
	<b>Total Time</b>	24 hours (approx.)	

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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)
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## Radiation Event Scenario Training (REST) Level 1

### Course Description

REST Level 1 Trainings are designed to provide first responders with a half day of classroom training followed by a half day field training exercise. This training is designed for all first responders to gain a familiarization with utilizing their PPE, detection equipment, and SOP's in a live radiological scenario. The classroom training will cover the basics of radiation, understanding of equipment, responding to a radiological event and the basics of data collection and reporting.

### Performance Objectives

Performance Objectives: To provide the 1st Responder on scene the skill sets to trust the equipment they have while being able to collect and report back the necessary data to follow on responders enabling them to make a hazard assessment. The class also serves as a platform for teams operational and sustainment evaluation.

<b>Max Students/Course</b>	20		
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:10)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Pending DHS and Cal OES Approval		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	L2 Defense		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 20 students</li> <li>Tables and chairs</li> <li>Projector</li> <li>White Board</li> <li>Student should bring their own personal protective equipment (PPE) and detection equipment</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Training course materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual/guide</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction
		0830 – 0930	Radiation theory review
		0930 – 0945	Break
		0945 – 1015	Radiological Exposure limits and calculation review
		1015 – 1045	Biological effects review
		1045 – 1100	Break
		1100 – 1200	Instrumentation review
		1200 – 1300	Lunch
		1300 – 1630	Customized live source training lane
		1630 – 1700	Critique and out brief
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Radiation Response Specialist (3 Day)

### Course Description

Radioactive Materials Specialist Training – 3-day IAFF Pro-Board-Certified Training to meet NFPA 472 CH18 competencies for the HazMat Tech. The 3-day course includes lecture, some small-scale scenarios, and a proctored test.

### Performance Objectives

The overall goal of the Radiation Specialist course is to teach students the core functions for analyzing and planning for a radiological material response. By doing this, QTA gives the students all the necessary tools to assist them in the deployment of a response by helping them to understand what equipment is necessary for the different response scenarios, the importance of properly maintaining the equipment, asset management, developing SOP's, and how to implement a planned response.

<b>Max Students/Course</b>	24		
<b>Duration</b>	3 days (24 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:12)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>HazMat Technician Certification or DOD CBRNE equivalent training</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Pending DHS and Cal OES Approval		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	L2 Defense		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 24 students</li> <li>Tables and chairs</li> <li>Projector</li> <li>White Board</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Training course materials</li> <li>Test materials</li> <li>Radiation sources and demonstration equipment</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual/guide</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction
		0830 – 0930	HAZMAT Tech Pre-Test
		0930 – 0945	Break
		0945 – 1015	Radiation Theory
		1015 – 1045	Practical Application # 1 Characterizing Nuclides
		1045 – 1115	Radiation Theory (Cont.)
		1115 – 1145	Practical Application # 2 Types of Radiation
		1145 – 1200	Radiation Theory (Cont.)
		1200 – 1300	Lunch
		1300 – 1400	Understanding Units of Radiation
		1400 – 1415	Break
		1415 – 1515	Biological Effects
		1515 – 1530	Break
		1530 – 1630	Detector Theory
		1630 – 1700	Practical Application # 3 Radiation Detectors
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0815	Review of Day 1
		0815 – 0915	Radiological Transportation
		0915 – 0930	Practical Application #4 Radioactive Material

Transportation		
	0930 – 0945	Break
	0945 – 1015	Exposure Control
	1015 – 1030	Practical Application #5 Exposure Control
	1030 – 1100	Exposure Control (Cont.)
	1100 – 1115	Break
	1115 – 1200	Internal Exposures Control
	1200 – 1300	Lunch
	1300 – 1400	Choosing the Right Detector
	1400 – 1415	Break
	1415 – 1515	Contamination Control
	1515 – 1530	Practical Application # 6 Contamination Control
	1530 – 1630	Types of radioactive material and uses
	1630 – 1700	Questions
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0815	Review of Day 2
	0815 – 0915	Types of radiological and Nuclear Incidents
	0915 – 0930	Break
	0930 – 1100	Radiological Scenario Breakouts
	1100 – 1200	Review
	1200 – 1300	Lunch
	1300 – 1500	Review and Final Questions
	1500 – 1600	Test
	1600 – 1700	Course closeout
<b>Total Time</b>	<b>24 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Radiation Response Specialist (5 Day)

### Course Description

Radioactive Materials Specialist Training – 5-day IAFF Pro-Board-Certified Training to meet NFPA 472 CH18 competencies for the HazMat Tech. The first 3 days of this course include lecture, some small-scale classroom scenarios and a proctored test. The last 2 days of the course will involve field training exercises. QTA will work with the Bay Area UASI to determine which sources are used and what type of scenarios are delivered i.e. industrial, medical, terrorist etc.

### Performance Objectives

The overall goal of the Radiation Specialist course is to teach students the core functions for analyzing and planning for a radiological material response. By doing this, QTA gives the students all the necessary tools to assist them in the deployment of a response by helping them to understand what equipment is necessary for the different response scenarios, the importance of properly maintaining the equipment, asset management, developing SOP's, and how to implement a planned response. Day 4 and 5 of this training are scenario-based field training exercises that will allow instructors to evaluate how the students put the training from day 1 through 3 into play. Students will be challenged to build their scenario response CONOPS based on their SOP's. Upon completion a hot-wash and after action will be conducted.

<b>Max Students/Course</b>	24
<b>Duration</b>	5 days (36 hours)
<b>No. Instructors</b>	2 (1:12)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>HazMat Technician Certification or DOD CBRNE equivalent training</li> </ul>
<b>Certifications/Permits/Licenses</b>	Pending DHS and Cal OES Approval
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	L2 Defense
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 24 students</li> <li>Tables and chairs</li> <li>Projector</li> <li>White Board</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Training course materials</li> <li>Test materials</li> <li>Radiation sources and demonstration equipment</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual/guide</li> </ul>
<b>Schedule of Events</b>	<b>DAY 1</b> <b>0800 – 1700</b> <b>Classroom Lecture and Practical Exercises</b>



	0800 – 0830	Introduction
	0830 – 0930	HAZMAT Tech Pre-Test
	0930 – 0945	Break
	0945 – 1015	Radiation Theory
	1015 – 1045	Practical Application # 1 Characterizing Nuclides
	1045 – 1115	Radiation Theory (Cont.)
	1115 – 1145	Practical Application # 2 Types of Radiation
	1145 – 1200	Radiation Theory (Cont.)
	1200 – 1300	Lunch
	1300 – 1400	Understanding Units of Radiation
	1400 – 1415	Break
	1415 – 1515	Biological Effects
	1515 – 1530	Break
	1530 – 1630	Detector Theory
	1630 – 1700	Practical Application # 3 Radiation Detectors
<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0815	Review of Day 1
	0815 – 0915	Radiological Transportation
	0915 – 0930	Practical Application #4 Radioactive Material Transportation
	0930 – 0945	Break
	0945 – 1015	Exposure Control
	1015 – 1030	Practical Application #5 Exposure Control
	1030 – 1100	Exposure Control (Cont.)
	1100 – 1115	Break
	1115 – 1200	Internal Exposures Control
	1200 – 1300	Lunch
	1300 – 1400	Choosing the Right Detector
	1400 – 1415	Break
	1415 – 1515	Contamination Control
	1515 – 1530	Practical Application # 6 Contamination Control
	1530 – 1630	Types of radioactive material and uses
	1630 – 1700	Questions
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0815	Review of Day 2
	0815 – 0915	Types of radiological and Nuclear Incidents
	0915 – 0930	Break
	0930 – 1100	Radiological Scenario Breakouts
	1100 – 1200	Review
	1200 – 1300	Lunch
	1300 – 1500	Review and Final Questions
	1500 – 1600	Test
	1600 – 1700	Course closeout
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Exercises</b>
	0800 – 1200	FTX 1 (customer request)
	1200 – 1300	Lunch
	1300 – 1700	FTX 2 (customer request)
<b>DAY 5</b>	<b>0800 – 1200</b>	<b>Exercises</b>
	0800 – 1200	Capstone Event
<b>Total Time</b>	36 hours (approx.)	

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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)
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## Real-Time Cell Phone Investigations

### Course Description

This course provides law enforcement personnel instruction in accessing cell phones and cellular data in real-time. Starting off with basics in cell technology the course quickly progresses into applications using all of the major cellular carriers. Personnel will have real world, working knowledge of how to apply course information to active / emergency situations.

### Performance Objectives

Upon completion of this course attendees will be able to utilize real-time cell phone techniques to facilitate communication, information gathering and sharing. Students will be better able to assess critical infrastructure and provide work-around for communication.

Max Students/Course	40			
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>			
No. Instructors	1 (1:30)			
Prerequisites	None			
Certifications/Permits/ Licenses	Cal OES Approved			
Course Cost	Please contact SenseMakers LLC			
Course Vendor(s)	Police Technical			
Customer/Government- Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ LCD Projector or flatscreen</li><li>▪ Lighting controls</li><li>▪ Podium</li><li>▪ Classroom seating</li></ul>			
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>			
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li><li>▪ Certificate of completion</li><li>▪ Access to post-class online materials</li></ul>			
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1700</td><td>Classroom Lecture and Practical Exercises</td></tr></table>	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises
DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises		
(Estimate)		0800 – 1700 1200 – 1300		
		Classroom Lecture and Practical Exercises Lunch		
	DAY 2	0800 – 1700		
		0800 – 1700 1200 – 1300		
		Classroom Lecture and Practical Exercises Lunch		
	Total Time	16 hours (approx.)		

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Red Team vs Blue Team 1

### Course Description

The Red Team vs Blue Team is a scenario-based, hands-on lab experience. The goal is to put together items learned during Mile2 courses and apply them in this environment. It consists of two days (four scenarios) ranging from easy to intermediate to advanced problem sets.

As a Blue team individual, you will be given approximately 45 minutes to review the target systems within your scenario and potentially patch vulnerabilities. \*\*\*NOTE: You cannot disable any services on the system, but you can patch it\*\*\*. You are authorized to change the default credentials for the user "playerone", however, that password will be given to the mile2 range monitor. \*\*\*NOTE: If credentials are changed after the start of the Red Team portion, there will be a timeout period of up to 15 minutes\*\*\*.

### Performance Objectives

Graduates of the Mile2 Red Team vs Blue Team scenario-based events allow for individuals to piece together a team that will attack based on skillset. This allows managers to assess their current penetration testing and incident response teams to ensure they are able to attack vulnerabilities and defend against attacks.

<b>Max Students/Course</b>	20
<b>Duration</b>	2 days (16 hours) <i>Online live remote or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 1 year in networking technologies</li> <li>▪ Sound knowledge of TCP/IP</li> <li>▪ Knowledge of Microsoft packages</li> <li>▪ Basic Knowledge of Linux is essential</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; RvB1 Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 2 days for a total of 16 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Red Team vs Blue Team 2

### Course Description

The Red Team vs Blue Team is a scenario-based, hands-on lab experience. The goal is to put together items learned during Mile2 courses and apply them in this environment. It consists of two days (four scenarios) ranging from easy to intermediate to advanced problem sets.

As a Blue team individual, you will be given approximately 45 minutes to review the target systems within your scenario and potentially patch vulnerabilities. \*\*\*NOTE: You cannot disable any services on the system, but you can patch it\*\*\*. You are authorized to change the default credentials for the user "playerone", however, that password will be given to the mile2 range monitor. \*\*\*NOTE: If credentials are changed after the start of the Red Team portion, there will be a timeout period of up to 15 minutes\*\*\*.

### Performance Objectives

Graduates of the Mile2 Red Team vs Blue Team scenario-based events allow for individuals to piece together a team that will attack based on skillset. This allows managers to assess their current penetration testing and incident response teams to ensure they are able to attack vulnerabilities and defend against attacks.

<b>Max Students/Course</b>	20
<b>Duration</b>	2 days (16 hours) <i>Online live remote or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ A minimum of 1 year in networking technologies</li> <li>▪ Sound knowledge of TCP/IP</li> <li>▪ Knowledge of Microsoft packages</li> <li>▪ Basic Knowledge of Linux is essential</li> </ul>
<b>Certifications/Permits/Licenses</b>	Cal OES; POST; DHS; ACCREDITED by the NSA CNSS 4011-4016; MAPPED to NIST / Homeland Security NICCS's Cyber Security Workforce Framework; Mile2®'s certification courseware met all the elements of the following CNSS National Training Standards: On March 11, 2013, The National Security Agency (NSA) and the Committee on National Security Systems (CNSS) recognized that mile2's certification courseware met all the elements of the following CNSS National Training Standards; RvB2 Certification when the student completes their Exam.
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	If onsite: <ul style="list-style-type: none"> <li>▪ Classroom for 20</li> </ul> If virtual: <ul style="list-style-type: none"> <li>▪ Laptop for each student</li> <li>▪ Internet</li> <li>▪ Headset</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Cyber Range Live Labs</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and Digital courseware</li> <li>▪ Video Course</li> <li>▪ Exam Prep</li> <li>▪ Certification Exam Voucher with Online Access to Exam</li> <li>▪ Free Exam Retake if needed</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 2 days for a total of 16 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Rescue Systems 1

### Course Description

Team organization, rescue, and environmental considerations, use of ropes, knots rigging and pulley systems, descending, rappelling, and belaying tools and techniques, subsurface rescue techniques, use of cribbing, wedges, cutting/prying and hydraulic tools, use of fire service ladders in specialized rescue situations, and day and night simulated rescue exercises.

### Performance Objectives

- Techniques to operate safely when working around the structural collapse of light frame buildings
- Information on the potential hazards associated with rescue operations
- An opportunity to build on skills acquired in Low Angle Rope Rescue Operational training
- Information and techniques for lifting and moving heavy objects
- Information and techniques to break or breach building components to access a victim(s)
- Information and techniques to shore and stabilize building components

Max Students/Course	24		
Duration	5 days (40 hours) <i>Virtual course pending, please contact us for more details.</i>		
No. Instructors	2 (1:12)		
Prerequisites	<ul style="list-style-type: none"><li>▪ Fire Fighter I or equivalent training</li><li>▪ Low Angle Rope Rescue Operational</li></ul>		
Certifications/Permits/Licenses	FSTEP		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	California Fire & Rescue Training Authority (CFRTA), Industrial Emergency Council, Nor Cal Rescue Training (NCRT)		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 24 students</li><li>▪ AV capability</li><li>▪ White board</li><li>▪ Easels</li><li>▪ Adequate approved outside grounds and props</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Projector</li><li>▪ Laptop</li><li>▪ Easel pads</li><li>▪ Wall posters</li><li>▪ 18’ to 40’ boat</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ All printed course materials</li></ul>		
Schedule of Events	<b>DAY 1</b>		
<i>(Estimate)</i>	Unit 1	8 hours	Course Overview and Introduction
	Unit 2		Rescue Knots and Hitches
	<b>DAY 2</b>		
	Unit 3	8 hours	Lifting and Moving Heavy Objects
	<b>DAY 3</b>		
	Unit 4	8 hours	Breaking and Breaching
	Unit 5		Ladder Rescue Systems
<b>DAY 4</b>			
Unit 5	8 hours	Emergency Building Shores	



<b>DAY 5</b>		
Unit 6	8 hours	Scenario and Functional Exercise Final Critique
<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Rescue Systems 2

### Course Description

Provides advanced heavy rescue system techniques. Key topics include: Structural building types, wood and mechanical shores, crib capacities, floor weight calculations, building search, confined space considerations, damaged structure hazard assessment, use of power tools, air bags, and USAR ICS.

### Performance Objectives

- Formation to identify and mitigate potential hazards associated with rescue operations
- An opportunity to build on skills acquired in Rescue Systems 1 training
- Reconnaissance strategies and techniques for locating victims in a collapsed building
- Information on structural triage and collapse patterns of building structures
- Information and techniques to shore and stabilize building components
- Information and techniques to break or breach building components to access a victim(s)
- Techniques of metal burning systems
- Information and techniques for lifting and moving heavy objects

Max Students/Course	24		
Duration	5 days (40 hours) <i>Virtual course pending, please contact us for more details.</i>		
No. Instructors	2 (1:12)		
Prerequisites	<ul style="list-style-type: none"><li>▪ Rescue Systems 1</li><li>▪ Basic ICS</li></ul>		
Certifications/Permits/Licenses	FSTEP		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	California Fire & Rescue Training Authority (CFRTA), Industrial Emergency Council, Nor Cal Rescue Training (NCRT)		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 24 students</li><li>▪ AV capability</li><li>▪ White board</li><li>▪ Easels</li><li>▪ Adequate approved outside grounds and props</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Projector</li><li>▪ Laptop</li><li>▪ Easel pads</li><li>▪ Wall posters</li><li>▪ 18’ to 40’ boat</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ All printed course materials</li></ul>		
Schedule of Events	DAY 1		
(Estimate)	Unit 1	8 hours	Course Overview and Introduction
	Unit 2		Risks and Hazards
	Unit 3		Safety Planning
	Unit 4		Risk Assessment
	Unit 5		Respiratory Protection
	Unit 6		Rescue Tools and Equipment
	DAY 2		
	Unit 7	8 hours	Structural Engineering
	Unit 8		Structure Triage and Recon
	Unit 9		Search Assessment and Markings
Unit 10	Collapse Patterns		



DAY 3		
Unit 11	8 hours	Basic Shoring
Unit 12		Shoring Construction
DAY 4		
Unit 13	8 hours	Breaking, Breaching, Cutting and Burning
Unit 14		Lifting and Moving
Unit 15		Rescue Team Position Description
DAY 5		
Unit 16	8 hours	Scenario Simulations Final Critique
Total Time	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Rescue Systems 3

### Course Description

Bridges the training gap between the California State Fire Training Rescue Systems 2 Advanced Rescue Skills course and the Federal Emergency Management Agency Structural Collapse Technician course. Key topics include powder actuated tools, pneumatic shores, additional tools, and techniques for breaking and breaching, cutting a tensioned cable, the "O" course, rigging, and crane operations.

### Performance Objectives

- Identify risks and hazards of a structural collapse
- Identify structural engineering systems
- Demonstrate the proper shoring techniques
- Identify and demonstrate the proper breaking and breaching techniques
- Identify and demonstrate the proper burning and cutting tools
- Demonstrate the proper lifting and moving techniques

Max Students/Course	24		
Duration	3 days (24 hours) <i>Virtual course pending, please contact us for more details.</i>		
No. Instructors	2 (1:12)		
Prerequisites	<ul style="list-style-type: none"><li>▪ Rescue Systems 2</li><li>▪ Confined Space Rescue Technician</li><li>▪ Trench Rescue Technician</li><li>▪ Hazardous Materials (Operations Level)</li></ul>		
Certifications/Permits/Licenses	FSTEP		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	California Fire & Rescue Training Authority (CFRTA), Industrial Emergency Council		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 24 students</li><li>▪ AV capability</li><li>▪ White board</li><li>▪ Easels</li><li>▪ Adequate approved outside grounds and props</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Projector</li><li>▪ Laptop</li><li>▪ Easel pads</li><li>▪ Wall posters</li><li>▪ 18’ to 40’ boat</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ All printed course materials</li></ul>		
Schedule of Events	<b>DAY 1</b>		
<i>(Estimate)</i>	Unit 1	8 hours	Introduction and Administration/Safety
	Unit 2		Power Actuated Tools
	Unit 3		Rigging
	Unit 4		Shoring
	<b>DAY 2</b>		
	Unit 7	8 hours	Breaking/Breaching
	Unit 8		Cutting/Burning
	<b>DAY 3</b>		
Unit 11	8 hours	Lifting/Moving ("O" Course)	
Unit 12		Lifting/Moving (Crane Operations)	



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<b>Total Time</b>	24 hours (approx.)
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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)
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## Rescue Task Force

### Course Description

Through lecture, demonstrations, practice and scenario-based learning, the students will develop a coordinated multi-discipline response to active shooter type incidents. Morning will be spent in discipline specific training with law enforcement focusing on threat mitigation/neutralization, scene security and fire/EMS getting training in the essentials of working with law enforcement and providing medical care in a tactical setting. Topics will include tactical medical assessment, threat zones, lifesaving interventions including hemorrhage control, airway maneuvers, chest seals, lifts and drags, priority triage/evacuation and medical kit familiarization. Afternoon will be spent doing “walk through” with both fire/EMS and law enforcement followed by multiple scenarios with short debriefs between.

### Performance Objectives

All students will be evaluated based on the competencies of their respective discipline. Law enforcement will be evaluated on safety, threat neutralization, security posture, working with the medical personnel. Fire/EMS will be evaluated on working with law enforcement and providing medical care in a tactical setting including initiating lifesaving interventions such as hemorrhage control, airway maneuvers, chest seals, lifts and drags and evacuation triage priorities.

<b>Max Students/Course</b>	24		
<b>Duration</b>	1 day (8 hours)		
<b>No. Instructors</b>	4 (1:6)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	Approved by EMSA, DHS, LEMSA, and POST. Students will receive a certificate - 8 hours of EMS CEU will be available for EMS providers		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Industrial Emergency Council		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 24 students</li> <li>LCD Projector or flatscreen</li> <li>AV capability</li> <li>White board</li> <li>Easels</li> <li>Students should bring their standard deployment tools/uniform and protection</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Tactical Medical Field Guide</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<i>(Estimate)</i>		0800 – 1000	Course Introduction
		1000 – 1200	LE and Fire/EMS break up and do separate training LE: “Stop the Killing” (contact team, threat elimination, scene security, RTF basics) Fire/EMS- “Stop the Dying” (threat zones, RTF basics, life-saving medical interventions, triage, CCP)
		1200 – 1300	Lunch
		1300 – 1400	Walk through- contact teams, RTF, CCP
		1400 – 1600	Small group scenarios
		1600 – 1700	Wrap up, debrief, evaluations
	<b>Total Time</b>	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Rope Rescue: Tier I – Intro to Knots, Rappel/Belay Ops, and Mechanical Advantages

### Course Description

This course is designed as a beginner and/or refresher for those members in the early stages of developing their rope rescue skill set. Our instructors employ a stepped approach to developing student confidence and to building knowledge of individual components of a rescue such as using rappel, belay, and MA stations before moving students into team scenarios.

### Performance Objectives

- Understanding of basic rescue knots and criteria for their usage
- Knowledge of rappel/belay commands and application
- Introduction to mechanical advantages (2:1, 3:1, 4:1, Z-rig) and hands on application in rescue scenarios
- Completion of a final training exercise utilizing a combination of the individual skills learned throughout the course

<b>Max Students/Course</b>	30
<b>Duration</b>	3 days (24 hours)
<b>No. Instructors</b>	3 (1:10)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	Training will meet or exceed NFPA 1006 Rope 1 and OSHA 1910.146 training requirements
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	The Raytom Group
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Helmet</li> <li>▪ Boots</li> <li>▪ Gloves</li> <li>▪ Long/short sleeve T-shirt</li> <li>▪ Long Pants</li> <li>▪ Sunscreen</li> <li>▪ Hydration</li> <li>▪ Classroom</li> <li>▪ Outdoor training facility</li> <li>▪ Eye protection</li> <li>▪ Ropes and rope rescue equipment</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom materials</li> <li>▪ Complete gear cache for students (rope, hardware, soft links, tripods, decent devices, etc.)</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Training reference materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Rope Rescue: Tier II – Mechanical Advantages Workshop

### Course Description

This course focuses on a simplified approach to identifying suitable anchors & deploying MA's in scenario-based evolutions. Students will learn to use change of directions (COD) and tie backs to facilitate multiple uses of a single system. Our instructors use a "more with less" approach to rigging which promotes critical thinking while greatly reducing the moving pieces within the rescue.

### Performance Objectives

- Build on objectives learned in NFPA 1006 Rope 1 or Rope Rescue: Tier 1 training classes
- Effectively locate appropriate anchor points for mechanical advantage systems
- Determine mechanical advantage of systems and deploy appropriately in rescue scenarios
- Completion of a final training exercise utilizing a combination of the individual skills learned throughout the course

<b>Max Students/Course</b>	30
<b>Duration</b>	3 days (24 hours)
<b>No. Instructors</b>	3 (1:10)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Rope Rescue: Tier I – Intro to Knots, Rappel/Belay Ops, and Mechanical Advantages</li> </ul>
<b>Certifications/Permits/Licenses</b>	Training will meet or exceed NFPA 1006 Rope 1 and OSHA 1910.146 training requirements
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	The Raytom Group
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Helmet</li> <li>▪ Boots</li> <li>▪ Gloves</li> <li>▪ Long/short sleeve T-shirt</li> <li>▪ Long Pants</li> <li>▪ Sunscreen</li> <li>▪ Hydration</li> <li>▪ Classroom</li> <li>▪ Outdoor training facility</li> <li>▪ Eye protection</li> <li>▪ Ropes and rope rescue equipment</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom materials</li> <li>▪ Complete gear cache for students (rope, hardware, soft links, tripods, decent devices, etc.)</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Training reference materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Rope Rescue: Tier III – Team Dynamics Workshop

### Course Description

This course offering focuses on building teamwork and situational awareness while on scene. Our instructors replicate real-world scenarios that place a premium on teamwork and ingenuity needed to complete the rescue inside the “Golden Hour”. Our instructors teach a proven “critical path” that promotes individual thinking while working inside a team dynamic. Your team will learn to anticipate the critical steps of a successful rescue through a greater understanding of the roles and responsibilities of their fellow teammates, while focusing on their individual position within the rescue scenario.

### Performance Objectives

- Build on objectives learned in NFPA 1006 Rope 1
- Enhance team dynamics through effective communication
- Strategically place anchor points to minimize system changes between raise and lower
- Use a risk-benefit analysis to determine appropriate MA considering resources available and impact on the structural integrity of attachment points-Completion of training exercises utilizing a combination of the individual skills learned throughout the course

<b>Max Students/Course</b>	30
<b>Duration</b>	3 days (24 hours)
<b>No. Instructors</b>	3 (1:10)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ NFPA 1006 Rope 1 or equivalent</li> </ul>
<b>Certifications/Permits/Licenses</b>	Training will meet or exceed NFPA 1006 Rope 1 and OSHA 1910.146 training requirements
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	The Raytom Group
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Helmet</li> <li>▪ Boots</li> <li>▪ Gloves</li> <li>▪ Long/short sleeve T-shirt</li> <li>▪ Long Pants</li> <li>▪ Sunscreen</li> <li>▪ Hydration</li> <li>▪ Classroom</li> <li>▪ Outdoor training facility</li> <li>▪ Eye protection</li> <li>▪ Ropes and rope rescue equipment</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom materials</li> <li>▪ Complete gear cache for students (rope, hardware, soft links, tripods, decent devices, etc.)</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Training reference materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Rope Rescue Operations

### Course Description

Rope Rescue Level I is a course designed to train rescuers in high and low angle rescue/recovery. This course meets and exceeds NFPA 1006 Chapters 5 & 6.1. The student will be trained on rescue knots, rope systems, anchor systems, raise/lower techniques, ascending rope, patient packaging, stoke basket operations, rappelling & rope theory. Emphasis will be placed on safety, raising, lowering, belay operations, and moving a victim in high/low angle environments. Rope Rescue Level I is a pre-requisite for the remaining USAR/TRT courses.

### Performance Objectives

To successfully teach First Responders on trouble shooting rope systems, belay systems, knot passing and rope theory.

<b>Max Students/Course</b>	25
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	4 (4:25)
<b>Prerequisites</b>	General knowledge of fire service knots. Rope Rescue Level I is a pre-requisite for the remaining USAR courses.
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	L2 Defense
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Helmet</li> <li>▪ Boots</li> <li>▪ Gloves</li> <li>▪ Long/short sleeve T-shirt</li> <li>▪ Long Pants</li> <li>▪ Sunscreen</li> <li>▪ Hydration</li> <li>▪ Classroom</li> <li>▪ Outdoor training facility</li> <li>▪ Eye protection</li> <li>▪ Ropes and rope rescue equipment</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Books</li> <li>▪ Outlines</li> <li>▪ Classroom materials</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Books</li> <li>▪ Outlines</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## Rope Rescue Technician

### Course Description

This course will prepare participants to undergo competency testing for high angle rescue. The scope of the program is to familiarize participants with the high angle environment and experience; and for them to safely participate in the engineering and operation of simple to complex rescue systems.

### Performance Objectives

- Understand regulations and standards for high angle rope rescues.
- Identify the hazards associated with high angle rope rescue
- Demonstrate the ability to plan, organize, operate, and command at high angle rope rescue incidents
- Demonstrate the ability to select and use rope rescue equipment necessary in high angle rope rescue
- Identify, select, and use appropriate personal protective equipment
- Demonstrate the use of various types of victim's removal and packing systems

<b>Max Students/Course</b>	25
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	4 (4:25)
<b>Prerequisites</b>	Rescue Systems 1, Low Angle Rope Rescue Operations (LARRO), OR Rescue Systems 1 (prior to 2009)s.
<b>Certifications/Permits/Licenses</b>	CSFM, FSTEP
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), L2 Defense, Lee & Associates, Industrial Emergency Council, Nor Cal Rescue Training (NCRT)
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 24 students</li> <li>▪ AV capability</li> <li>▪ White board</li> <li>▪ Adequate approved outside grounds</li> <li>▪ Props</li> <li>▪ Students to provide their own personal safety gear, helmet, gloves, boots, etc.</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Projector</li> <li>▪ Laptop</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## S-190: Introduction to Wildland Behavior

### Course Description

Local and state-level emergency responders may be called upon to assist during wildland operations. This is the first and foundational wildland behavior course in a five-course sequence. It introduces students to the basic concepts of wildland behavior.

### Performance Objectives

By the end of this course, the student will be able to demonstrate, through activities and final exam, an understanding of the duties, responsibilities, and capabilities of an effective first responder to wildland incidents.

Max Students/Course	30																	
Duration	1 day (8 hours)																	
No. Instructors	2 (1:15)																	
Prerequisites	None																	
Certifications/Permits/ Licenses	DHS and Cal OES Approved																	
Course Cost	Please contact SenseMakers LLC																	
Course Vendor(s)	Industrial Emergency Council																	
Customer/Government- Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 30 students</li><li>▪ LCD Projector or flatscreen</li><li>▪ AV capability</li><li>▪ White board</li><li>▪ Easels</li></ul>																	
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>																	
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li><li>▪ Handouts</li><li>▪ Electronic files</li></ul>																	
Schedule of Events	<b>DAY 1</b>																	
<i>(Estimate)</i>	<table><tr><td>Unit 1</td><td rowspan="5">8 hours</td><td>Course Introduction</td></tr><tr><td>Unit 2</td><td>Describe basic terminology used in wildland</td></tr><tr><td>Unit 3</td><td>Identify and discuss the fire triangle</td></tr><tr><td>Unit 4</td><td>Identify and discuss key characteristics of wildland fire environment components: fuel, weather, and topography</td></tr><tr><td>Unit 5</td><td>Identify critical weather factors</td></tr><tr><td colspan="2"></td><td>Course Final</td></tr><tr><td><b>Total Time</b></td><td>8 hours (approx.)</td><td></td></tr></table>	Unit 1	8 hours	Course Introduction	Unit 2	Describe basic terminology used in wildland	Unit 3	Identify and discuss the fire triangle	Unit 4	Identify and discuss key characteristics of wildland fire environment components: fuel, weather, and topography	Unit 5	Identify critical weather factors			Course Final	<b>Total Time</b>	8 hours (approx.)	
Unit 1	8 hours	Course Introduction																
Unit 2		Describe basic terminology used in wildland																
Unit 3		Identify and discuss the fire triangle																
Unit 4		Identify and discuss key characteristics of wildland fire environment components: fuel, weather, and topography																
Unit 5		Identify critical weather factors																
		Course Final																
<b>Total Time</b>	8 hours (approx.)																	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## S-404: Safety Officer

### Course Description

Designed to meet the training needs of the Safety Officer position in the incident command system. Topics include safety officer effectiveness, analysis techniques, safety messages, briefings and reports, and high hazard operations.

### Performance Objectives

By the end of this course, the student will be able to demonstrate, through activities and final exam, an understanding of the duties, responsibilities, and capabilities of an effective Incident Safety Officer Type 3.

Max Students/Course	30		
Duration	4 days (30 hours) <i>Virtual course available, please contact us for more details.</i>		
No. Instructors	2 (1:15)		
Prerequisites	<ul style="list-style-type: none"><li>ICS 300 – Intermediate Incident Command System for Expanding Incidents</li></ul>		
Certifications/Permits/Licenses	DHS and Cal OES Approved		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	Industrial Emergency Council		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>Classroom for 30 students</li><li>LCD Projector or flatscreen</li><li>AV capability</li><li>White board</li><li>Easels</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>Laptop</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>Student manual</li><li>Handouts</li><li>Electronic files</li></ul>		
Schedule of Events	DAY 1		
(Estimate)	Unit 1	8 hours	Course Introduction
	Unit 2		Overview of the Safety Officers\'s Role
	Unit 3		Obtaining Incident Safety Information
	Unit 4		Identifying Hazards and Risks
	DAY 2		
	Unit 5	8 hours	Course Introduction
	Unit 6		Overview of the Safety Officers\'s Role
	Unit 7		Obtaining Incident Safety Information
	DAY 3		
	Unit 8	8 hours	Incident Safety Plan
Unit 9	Coordination with Logistics Section		
Unit 10	Operations and General Health and Welfare		
DAY 4			
Unit 11	6 hours	Special Situations	
Unit 12		Demobilization and Closeout	
		Review	
		Final Exam	
	Review of Final Exam and Certificates		



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<b>Total Time</b>	30 hours (approx.)
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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)
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## S-420: Command and General Staff

### Course Description

This course is designed to prepare students to function effectively in the position of a Type 2 Incident Commander (ICT2), or Command and General Staff. The focus of this course is on the application of previously acquired knowledge and skills. Students will participate in two types of groups (teams and similar positions) during exercises. These exercises include a simulation of the mobilization, management, and demobilization phases of a rapidly accelerating Type 2 incident that has the potential to become a Type 1 incident.

### Performance Objectives

Students will perform the duties and responsibilities of their respective positions as team members on a Type 2 incident.

<b>Max Students/Course</b>	20		
<b>Duration</b>	4 days (32 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:20)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ L-480 – Organizational Leadership in the Wildland Fire Service OR</li> <li>▪ L-380 – Fireline Leadership, OR L-381, Incident Leadership OR</li> <li>▪ L-180 – Human Factors in the Wildland Fire Service, plus completion of 40 hours in any supervision or leadership training course(s)</li> </ul>		
<b>Certifications/Permits/Licenses</b>	DHS and Cal OES Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Elite Command Training, Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 20 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction
		0830 – 0900	Overview
		0900 – 0915	Break
		0915 – 1200	Team Development
		1200 – 1300	Lunch
		1300 – 1400	Team Identity
		1400 – 1415	Break
		1415 – 1530	Functional Area Wisdom
		1530 – 1700	Day 1 Debrief
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0930	Introduction
		0930 – 0945	Break
		0945 – 1200	Communication

	1200 – 1300	Lunch
	1300 – 1500	Incident Management Planning
	1500 – 1515	Break
	1515 – 1700	Day 2 Debrief
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0930	Introduction/Recap
	0930 – 1200	Understanding the Situation
	1200 – 1300	Lunch
	1300 – 1400	Conflict Management
	1400 – 1600	Determine Goals & Objectives
	1600 – 1700	Conclusion
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0830	Introduction/Recap
	0830 – 1200	Risk Management
	1200 – 1300	Lunch
	1300 – 1530	Critical Thinking & Decision Making
	1530 – 1700	Debrief
<b>Total Time</b>	<b>32 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Secrets to Successful Cloud Transformation

### Course Description

In this course, you will learn how to select the right strategy, people, migration plan, and financial management methodology to move your workloads to the AWS Cloud. You will learn how to build a holistic cloud adoption plan and how to hire people to execute that plan. You will learn best practices for choosing workloads to migrate from your on-premises environment to AWS. You will also learn best practices for managing your AWS expenses and dealing with internal chargebacks.

This course focuses on the business aspects of cloud transformation, rather than the technical aspects.

### Performance Objectives

- Build your cloud strategy
- Develop a hiring plan for your cloud team
- Choose and prioritize which applications to move to AWS
- Build a migration plan for moving workloads to AWS
- Manage your AWS expenditures and internal chargebacks

<b>Max Students/Course</b>	20
<b>Duration</b>	1 day (8 hours)
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	N/A
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and digital course materials</li> </ul>
<b>Schedule of Events</b>	Under development



## Secureworks Threat Intelligence Overview

### Course Description

Secureworks recently partner with Cal Poly to conduct an overview on how a cybercriminal may attack your organizations vehicle at last year's CPOA Advance Conference. This one-hour webinar will provide an overview on Secureworks strategies for the public sector community as well as delve into how a hacker can a police or EMS vehicle.

### Performance Objectives

- Understand how cyber-attacks can be conducted on vehicles
- Understand how Secureworks Intelligence tools and strategies can help effectively manage cyber risk

<b>Max Students/Course</b>	20
<b>Duration</b>	1 hour
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	N/A
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print and digital course materials</li> </ul>
<b>Schedule of Events</b>	1-hour webinar





## Securing Critical Infrastructure

### Course Description

This course will cover the effective monitoring and security operations for critical infrastructure. Students will get an in-depth training over five days through all aspects of critical infrastructures security. Continuous monitoring, case management, and threat assessments, alongside incident response, and security strategies. It will demonstrate how to utilize Dragos tools to effectively increase systems protection and comprehensively understand threats.

### Performance Objectives

- Understand how to use Dragos tools to secure critical infrastructure

Max Students/Course	20
Duration	5 days (40 hours)
No. Instructors	1 (1:20)
Prerequisites	None
Certifications/Permits/ Licenses	Pending POST, DHS, and CalOES approval
Course Cost	Please contact SenseMakers LLC
Course Vendor(s)	California Cybersecurity Institute
Customer/Government- Provided Equipment	N/A
Contractor Provided Equipment	N/A
Student Materials	<ul style="list-style-type: none"><li>▪ Print and digital course materials</li></ul>
Schedule of Events	Under development



## Securing Your Identity

### Course Description

From Securing critical agency / department communication to disappear from the Internet. Whether you are working active online investigations, or simply want to maintain better control of your online identity, students learn to make private communications, anonymous internet connections, hardened computers, secure accounts, and secret purchases. Become invisible online in the interest of officer and personal safety.

### Performance Objectives

Upon completion of this course attendees will be able to secure (harden) agency communications. Critical knowledge about communication and security are discussed.

Max Students/Course	40																					
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>																					
No. Instructors	1 (1:30)																					
Prerequisites	None																					
Certifications/Permits/Licenses	Cal OES Approved																					
Course Cost	Please contact SenseMakers LLC																					
Course Vendor(s)	Police Technical																					
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ LCD Projector or flatscreen</li><li>▪ Lighting controls</li><li>▪ Podium</li><li>▪ Classroom seating</li></ul>																					
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>																					
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li><li>▪ Certificate of completion</li><li>▪ Access to post-class online materials</li></ul>																					
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DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises																				
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DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises																				
	0800 – 1700	Classroom Lecture and Practical Exercises																				
	1200 – 1300	Lunch																				
Total Time	16 hours (approx.)																					
(Estimate)																						

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Security Engineering on AWS

### Course Description

This course demonstrates how to efficiently use AWS security services to stay secure in the AWS Cloud. The course focuses on the security practices that AWS recommends for enhancing the security of your data and systems in the cloud. It highlights the security features of AWS key services including compute, storage, networking, and database services. You will also learn how to leverage AWS services and tools for automation, continuous monitoring and logging, and responding to security incidents.

### Performance Objectives

- Assimilate and leverage the AWS shared security responsibility model
- Manage user identity and access management in the AWS cloud
- Use AWS security services such as AWS Identity and Access Management, Amazon Virtual Private Cloud, AWS Config, AWS CloudTrail, AWS Key Management Service, AWS CloudHSM, and AWS Trusted Advisor
- Implement better security controls for your resources in the AWS cloud
- Manage and audit your AWS resources from a security perspective
- Monitor and log access and usage of AWS compute, storage, networking, and database services
- Assimilate and leverage the AWS shared compliance responsibility model
- Identify AWS services and tools to help automate, monitor, and manage security operations on AWS
- Perform security incident management in the AWS cloud

Max Students/Course	20
Duration	3 days (24 hours) <i>Online live remote or onsite</i>
No. Instructors	1 (1:20)
Prerequisites	<ul style="list-style-type: none"><li>▪ Attended AWS Security Fundamentals</li><li>▪ Experience with governance, risk, and compliance regulations and control objectives</li><li>▪ Working knowledge of IT security practices</li><li>▪ Working knowledge of IT infrastructure concepts</li><li>▪ Familiarity with cloud computing concepts</li></ul>
Certifications/Permits/Licenses	Pending POST, DHS, and CalOES approval
Course Cost	Please contact SenseMakers LLC
Course Vendor(s)	California Cybersecurity Institute
Customer/Government-Provided Equipment	N/A
Contractor Provided Equipment	N/A
Student Materials	<ul style="list-style-type: none"><li>▪ Print and digital course materials</li></ul>
Schedule of Events	Under development



## Single Officer Terror Threat Active Shooter Intervention

### Course Description

This terror attack response course focusing on a Single Officer intervention to an active killer terrorist attack will introduce Officers to the mindset, objectives, and methodology of today's most dangerous threats targeting North America. This course will enhance and optimize the individual officer's ability to effectively survive, dominate, and neutralize a skilled and determined threat during a violent deadly force engagement under stress in an uncontrolled civilian populated environment (or an ambush attack), as well provide Officers with most effective best practices tactics to intervene and terminate an active killing attack in minimal time saving as many innocent lives as possible. This methodology will also optimize the individual Officer's ability to safely and effectively engage multiple threats in the same attack incident.

### Performance Objectives

Officers will be able to understand active terror attack modalities, objectives, and methodology, identify attack indicators, identify and engage an active threat in a crowded environment under stress, effectively engage multiple threats, identify effective order of priorities for an active attack intervention, effectively and quickly engage a dynamic threat under stress, effectively and quickly remedy weapon issues/malfunctions under stress, deploy effective tactics to individually enter and clear a room.

<b>Max Students/Course</b>	25
<b>Duration</b>	2 days (16 hours)
<b>No. Instructors</b>	2 (2:25)
<b>Prerequisites</b>	Rope Rescue Level I
<b>Certifications/Permits/ Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	L2 Defense
<b>Customer/Government- Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 25 students</li> <li>AV capabilities</li> <li>School with large gym</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 2 days for a total of 16 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Small Vessel Maritime RND Operations for Law Enforcement (SV-RND)

### Course Description

The SV-RND Course was developed in coordination with the U.S. Department of Homeland Security (DHS) Domestic Nuclear Detection Office (DNDO), in support of the Global Nuclear Detection Architecture (GNDA). The SV-RND Course is designed to elevate and enhance the RND capabilities of officers, agencies, and regions to conduct steady state, enhanced steady state, and search operations on the waters of the United States.

### Performance Objectives

Upon successful completion of the course, the student will demonstrate mastery of each of the objectives outlined in each module through a compilation of measures including objective testing, scenario review, class discussion, practical activities, and homework.

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours)
<b>No. Instructors</b>	5 (1:4)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	USCG, DNDO
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	National Association of State Boating Law Administrators (NASBLA)
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Appropriate foul weather gear</li> <li>▪ Life jackets</li> <li>▪ 1 vessel for every 4 students</li> <li>▪ Controlled source material</li> <li>▪ Classroom for 20 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Visual training aids</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Smart and Secure Leadership: Cyber Resilience Planning

### Course Description

This course enables the CIO's office and municipality's management team with a defensible budget ask and presentation deck as well as an actionable plan for a desirable cybersecurity risk posture. The deliverables are achieved after performing risk-based prioritization and alignment with the municipality's stated vision. The following tools and methodology are part of the course:

- 1. A cyber risk assessment report - DHS-sponsored Nationwide Cyber Security Review (NCSR) and the Top X questions
- 2. Qualitative and quantitative methods for calculating cyber risks
- 3. Most suitable strategy in alignment with shared vision

This course is based on a successful use case in the Cybersecurity and Privacy Advisory Committee's Guidebook for NIST/DHS-led Smart Secure Cities and Communities Challenge

### Performance Objectives

Students gain knowledge of one of the best methodologies for cyber resiliency planning. Their organizations gain a framework and draft plan as a result.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (3 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:15)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Familiarity with municipality's multi-year vision is recommended</li> <li>▪ Familiarity with Nationwide Cyber Security Review (NCSR) is recommended</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Pending DHS and Cal OES Approval		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Adaptable Security Corp		
<b>Customer/Government-Provided Equipment</b>	<p>If in person training -</p> <ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector</li> <li>▪ White board</li> <li>▪ 4 easels</li> <li>▪ Refreshments/beverages</li> </ul> <p>If online training -</p> <ul style="list-style-type: none"> <li>▪ Computers per person with network</li> <li>▪ Conference software that allows breakout "rooms"</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Software</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Digital</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1100</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Ice breaker and Introduction
		0830 – 0845	Students share their pain points in achieving higher cybersecurity posture
		0845 – 0900	Instructors share a use case
		0900 – 0925	Groups discuss what works and what doesn't
		0925 – 0935	Break
		0935 – 1005	Each group work on a draft plan
		1005 – 1040	Each group present draft plan & Q&A
		1040 – 1050	Review of learning
		1050 – 1100	Feedback survey



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<b>Total Time</b>	3 hours (approx.)
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\*Schedule designed to also include the following:

- 1 – ten (10) minute break
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## Social Media Methods

### Course Description

This course provides law enforcement with practical instruction in the application of current social media platforms and channels. Personnel learn utilizing hands-on activities and from case studies involving public safety success (and failures). The course is appropriate for Administrators and PIOs as well as support staff and any other personnel active on social media.

### Performance Objectives

Upon completion of this course attendees will be able to manage Social Media for a public safety environment from the cradle to the grave. All platforms are discussed as well as management tools. Students will have practical knowledge on messaging, branding, and effective online communication with public, stakeholders. Internal guidance for agency personnel usage (and abuse) is also discussed.

Max Students/Course	40																					
Duration	2 days (16 hours) <i>Virtual course available, please contact us for more details.</i>																					
No. Instructors	1 (1:30)																					
Prerequisites	None, companion course to PIO and Community Involvement course																					
Certifications/Permits/ Licenses	Cal OES Approved																					
Course Cost	Please contact SenseMakers LLC																					
Course Vendor(s)	Police Technical																					
Customer/Government- Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 40 students</li><li>▪ LCD Projector or flatscreen</li><li>▪ Lighting controls</li><li>▪ Podium</li><li>▪ Classroom seating</li><li>▪ Internet accessible computers for each student</li></ul>																					
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>																					
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li><li>▪ Certificate of completion</li><li>▪ Access to post-class online materials</li></ul>																					
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DAY 2	0800 – 1700	Classroom Lecture and Practical Exercises																				
	0800 – 1700	Classroom Lecture and Practical Exercises																				
	1200 – 1300	Lunch																				
Total Time	16 hours (approx.)																					
(Estimate)																						

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## Splunk Training and Certification Overview

### Course Description

This training that can help you modernize and strengthen cyber defenses. It will cover how to use data to understand and mitigate risk, how to quickly and effectively identify breaches for timely incident response, and how to streamline compliance with automated Splunk reporting tools.

### Performance Objectives

- Understand how to use Splunk tools to mitigate risk for cybersecurity threats
- Be able to quickly and effectively investigate threats and recommend courses of action
- Be able to use Splunk tools to confirm compliance to incident response standards

Max Students/Course	200
Duration	1 hour
No. Instructors	1 (1:200)
Prerequisites	None
Certifications/Permits/ Licenses	None
Course Cost	Please contact SenseMakers LLC
Course Vendor(s)	California Cybersecurity Institute
Customer/Government- Provided Equipment	N/A
Contractor Provided Equipment	N/A
Student Materials	None
Schedule of Events	1-hour webinar



## SRI International Training and Certification Overview

### Course Description

The one-hour webinar will cover many of the areas of expertise that SRI International provides to the public. You will learn how SRI International leverages tools to make advances in Imaging Systems, Biomedical Sciences, IT and Computer Science, Innovation strategy, National Security, and more.

The one-hour ICS defense webinar will provide you and overview of the following:

- How do you restore under duress?
- How to gain access to systems in ways attackers do not anticipate?
- Holistic Change Detection
- Exhaustive Communications Inspection
- Inconsistencies in SCADA Communication
- Resilient Control Points

### Performance Objectives

- Understand how SRI International solves problems and pioneers' solutions
- Understand how to restore systems under distress
- Understand methods for proactive cyber defense
- How to assess risk and threats in various systems

<b>Max Students/Course</b>	20
<b>Duration</b>	1 hour
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	None
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print &amp; Digital courseware</li> </ul>
<b>Schedule of Events</b>	1-hour webinar



## Structural Collapse Operations Level I

### Course Description

Structural Collapse Level I is a course designed to train the rescuer operating in a collapsed building of heavy construction. This course meets or exceeds NFPA 1006 Chapter 5, & 9.2. The student will be trained on: scene size up, building marking techniques, victim identification and removal, building stabilization, breaching/breaking, and moving heavy loads. Emphasis will be placed on victim/rescuer safety, heavy construction, and the utilization of multiple tools/equipment to achieve course objectives.

### Performance Objectives

The course will teach the students rescue in a collapsed building of heavy construction.

<b>Max Students/Course</b>	25
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	4 (4:25)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Rope Rescue Level I</li> </ul>
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	L2 Defense
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Helmet</li> <li>▪ Boots</li> <li>▪ Gloves</li> <li>▪ Long/short sleeve T-shirt</li> <li>▪ Long Pants</li> <li>▪ Sunscreen</li> <li>▪ Hydration</li> <li>▪ Classroom</li> <li>▪ Outdoor training facility</li> <li>▪ Eye protection</li> <li>▪ Respiratory protection</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Books</li> <li>▪ Outlines</li> <li>▪ Classroom materials</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Books</li> <li>▪ Outlines</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Structural Collapse Operations Level II

### Course Description

Structural Collapse Level II is a course designed to train the rescuer operating in a collapsed building of heavy construction. This course meets or exceeds NFPA 1006 Chapter 5, & 9.2. The student will be trained on: scene size up, building marking techniques, victim identification and removal, building stabilization, breaching/breaking, and moving heavy loads. Emphasis will be placed on victim/rescuer safety, heavy construction, and the utilization of multiple tools/equipment to achieve course objectives.

### Performance Objectives

The course will teach the students rescue in a collapsed building of heavy construction.

<b>Max Students/Course</b>	25
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	4 (4:25)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Rope Rescue Level I</li> <li>▪ Structural Collapse Level I from an accredited agency</li> </ul>
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	L2 Defense
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Helmet</li> <li>▪ Boots</li> <li>▪ Gloves</li> <li>▪ Long/short sleeve T-shirt</li> <li>▪ Long Pants</li> <li>▪ Sunscreen</li> <li>▪ Hydration</li> <li>▪ Classroom</li> <li>▪ Outdoor training facility</li> <li>▪ Eye protection</li> <li>▪ Respiratory protection</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Books</li> <li>▪ Outlines</li> <li>▪ Classroom materials</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Books</li> <li>▪ Outlines</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## System Operations on AWS

### Course Description

This course is designed to teach those in a systems administrator or Development Operations (DevOps) role how to create automatable and repeatable deployments of networks and systems on the AWS platform. The course covers the specific AWS features and tools related to configuration and deployment, in addition to best practices for configuring and deploying systems.

### Performance Objectives

This course will teach how to build processes by understanding key elements of application deployment, performance, and operations of AWS cloud resources. By the end of this course, students will be able to:

- Run, stop, and terminate instances
- Determine and deploy appropriate Storage services
- Create EC2 -VPC subnets
- Monitor and inspect CloudWatch metrics related to your AWS resources
- Use AWS CloudFormation to automate builds and deployment
- Configure network Access Control Lists and network Security Groups
- Use tagging to group costs
- Set up web delivery logging for analysis

<b>Max Students/Course</b>	20
<b>Duration</b>	3 days (24 hours) <i>Online live remote or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Working knowledge of systems administration</li> <li>▪ Familiarity with cloud computing concepts,</li> <li>▪ Command line experience</li> </ul>
<b>Certifications/Permits/Licenses</b>	<ul style="list-style-type: none"> <li>▪ AWS Certified DevOps Engineer - Professional</li> <li>▪ AWS Certified SysOps Administrator – Associate</li> <li>▪ Pending POST, DHS, and CalOES approval</li> </ul>
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print &amp; Digital courseware</li> </ul>
<b>Schedule of Events</b>	Under development



## Tactical Life Saver

### Course Description

This 8-hour course includes a medical component, tactical component, and a tactical-medical scenarios component. Students learn how to treat gunshot wounds, stab wounds, penetrating chest wounds, hemorrhage control, sucking chest wounds, and how to recognize and treat a Pneumothorax. Student learn rescue and extraction techniques for downed officers in the line of fire, and how to apply lifesaving first aide to injured fellow officers. These skills are taught for application during tactical situations. Students learn how to use all the components of the Casualty Response Kit which is issued at the conclusion of the course.

### Performance Objectives

Students will be able to recognize and treat life threatening wounds using medical lifesaving technique and a casualty response kit. Students will know how to treat various types of gunshot wounds, stop blood loss, apply tourniquets, address stabbing wounds, sucking chest wounds and other life-threatening injuries. Students will know how to extract an officer down under hostile conditions.

Max Students/Course	30		
Duration	1 day (8 hours)		
No. Instructors	2 (1:15)		
Prerequisites	None		
Certifications/Permits/Licenses	Approved by EMSA, DHS, LEMSA, and POST. Students will receive a certificate. 8 hours of EMS CEU will be available for EMS providers.		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	Defoor Consulting Inc., International School of Tactical Medicine (ISTM, LLC)		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 30 students</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Training aides</li><li>▪ AV equipment</li><li>▪ Instruction materials</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ Casualty response kit</li></ul>		
Schedule of Events	DAY 1	0800 – 1700	Classroom Lecture and Practical Exercises
(Estimate)		0800 – 0815	Course Introduction
		0815 – 1000	Gunshot wounds, stab wounds, bleeding
		1000 – 1015	Break
		1015 – 1200	Chest wounds, pneumothorax, tourniquets
		1200 – 1300	Lunch
		1300 – 1430	Practical application
		1430 – 1500	Extraction techniques
		1500 – 1515	Break
		1515 – 1600	Practical application
		1600 – 1700	Q&A and out brief
	Total Time	8 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Tactical Medical Lifesaver

### Course Description

Students will learn the essentials of providing medical care in a tactical setting. Topics will include tactical medical assessment, threat zones, lifesaving interventions including hemorrhage control, airway maneuvers, chest seals, lifts and drags, triage, active shooter response and medical kit familiarization. There will be a series of scenarios that increase in size and complexity over the 3 days.

### Performance Objectives

Each student will be evaluated based on the competencies of self-care, buddy-care to include lifesaving interventions such as hemorrhage control, airway maneuvers, chest seals, lifts, and drags.

Max Students/Course	24		
Duration	3 days (24 hours)		
No. Instructors	3 (1:8)		
Prerequisites	None, although previous medical training is beneficial		
Certifications/Permits/Licenses	Approved by EMSA, DHS, LEMSA, and POST. Students will receive a certificate. 24 hours of EMS CEU will be available for EMS providers.		
Course Cost	Please contact SenseMakers LLC		
Course Vendor(s)	California Fire & Rescue Training Authority (CFRTA), Industrial Emergency Council		
Customer/Government-Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 24 students</li><li>▪ LCD Projector or flatscreen</li><li>▪ AV capability</li><li>▪ White board</li><li>▪ Easels</li><li>▪ Adequate approved outside grounds and props</li></ul>		
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li></ul>		
Student Materials	<ul style="list-style-type: none"><li>▪ Tactical Medical Field Guide</li></ul>		
Schedule of Events	DAY 1		
(Estimate)	Unit 1	8 hours	Course Introduction
	Unit 2		Tactical Medical Review
	Unit 3		Hands on skills stations- self/ others
	Unit 4		Teamwork and coordination if operator down/injured
	Review		
	DAY 2		
	Unit 5	8 hours	Open chest injuries lecture
	Unit 6		Operational preparedness
	Unit 7		Medical issues
	Review		
	DAY 3		
	Unit 8	8 hours	WMD injuries
	Unit 9		Chemical agents/ bangs
Unit 10	Skills review		
	Written Final Exam		
Large group simulations -tactical and medical			
Wrap up/ debrief/ graduation			
Total Time	24 hours (approx.)		

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Tactical Operator Course (TOC)

### Course Description

The Tactical Operator's Course (TOC) is designed to enhance the country's port security capabilities by providing students with the knowledge and skills necessary to appropriately react to threats in the maritime community. Training offered will be the same tactics, techniques, and procedures that the U.S. Coast Guard uses to train its boat operators.

### Performance Objectives

Upon successful completion of the course, the student will demonstrate mastery of each of the objectives outlined in each module through a compilation of measures including objective testing, scenario review, class discussion, practical activities, and homework.

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (35 hours)
<b>No. Instructors</b>	5 (1:4)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	DHS Approved
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	National Association of State Boating Law Administrators (NASBLA)
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"><li>▪ Appropriate foul weather gear</li><li>▪ Life jackets</li><li>▪ 1 vessel for every 4 students</li><li>▪ Classroom for 20 students</li><li>▪ Tables and chairs</li><li>▪ Projector and screen</li></ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"><li>▪ Visual training aids</li></ul>
<b>Student Materials</b>	<ul style="list-style-type: none"><li>▪ All printed course materials</li></ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 35 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## Tactical Science for Law Enforcement

### Course Description

This course focuses on the fundamental doctrinal principles from which tactics are derived. It defines critical concepts such as tempo, initiative, density, deconfliction, fog, and friction, and their impact on successful resolutions for tactical operations of all types. Methods for conducting a terrain analysis, envisioning, and achieving an end state, developing, and employing asymmetric strategies, and building an effective tactical response are also covered.

### Performance Objectives

- Conduct Terrain Analysis, Envision and Achieve End State
- Develop and Employ Asymmetric Strategies
- Define and understand the concepts of tempo, initiative, density, deconfliction, fog and friction
- Gain insights into response needs for civil disturbance, terrorist attacks, barricaded suspects, and hostage situations as well as natural disasters

<b>Max Students/Course</b>	30		
<b>Duration</b>	5 days (36 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	POST Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> <li>▪ Role play and tabletop exercise materials</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0830	Introduction
		0830 – 0900	Tactics, Science or Art
		0900 – 0915	Break
		0915 – 1200	Nature of Crisis
		1200 – 1300	Lunch
		1300 – 1400	9 Principles of War
		1400 – 1415	Break
		1415 – 1530	Strategy & Tactics
		1530 – 1700	Day 1 debrief
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>

	0800 – 0930	Introduction
	0930 – 1200	Terrain Analysis
	1200 – 1300	Lunch
	1300 – 1500	Maneuvering in Time
	1515 – 1515	Break
	1515 – 1700	Day 2 debrief
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0930	Designing a Time Keeping System
	0930 – 1000	Gathering & Using Intel
	1000 – 1015	Break
	1015 – 1200	Gathering & Using Intel (Cont.)
	1200 – 1300	Lunch
	1300 – 1315	Break
	1315 – 1500	Operations
	1500 – 1700	Managing a Dynamic Tactical Problem
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0830	Planning Process
	0830 – 0900	Plans
	0900 – 1200	Crisis Decision Making
	1200 – 1300	Lunch
	1300 – 1400	Fight in 5 Dimensions
	1400 – 1530	Viewing and Achieving End state
	1530 – 1700	Debrief
<b>DAY 5</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0930	Recap
	0930 – 1200	Final Exam
<b>Total Time</b>	<b>36 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Targeting Sabotage and Disruption of Public Utilities

### Course Description

Recently within the United States, intelligence agencies have noticed and verified an increase in specific acts that have the potential to disrupt public utilities. Fiber-optic cable lines, electrical transmission systems, petroleum pipelines, and computer systems have all been victim to acts of vandalism, theft, or sabotage. The potential disruption of these and other critical infrastructure systems can have severe consequences on public safety and the safety of first responders. The primary purpose of this course is to train participant first responder personnel and Terrorism Liaison Officers (TLOs) in the identification/recognition and proper reporting of these acts. The secondary purpose of this course is to have the participants return to their agencies and assist in the development of specific plans, policies, and procedures, both for the proper reporting and documentation of these incidents and for specific actions to cope with disruption of these critical public utilities.

### Performance Objectives

At the conclusion of this course, the participant will be able:

- To identify and define critical infrastructure
- To recognize the nexus between critical infrastructure and terrorist activity
- To properly report acts of vandalism vs. acts of terror
- To identify potential weak points of public utility facilities
- To identify specific methods in which systems can be damaged
- To explain the basic function of a SCADA (supervisory control & data acquisition) system
- To explain the concept of hacking in its different forms and the nexus between hacking and cyber terrorism including action by nation states.
- To explain the basic function of a fiber-optic-cable system.
- To explain the various methods of fiber-optic disruptions.
- To develop plans and procedures for emergency services during a utility disruption.

<b>Max Students/Course</b>	50
<b>Duration</b>	1 day (8 hours)
<b>No. Instructors</b>	1 (1:50)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	<ul style="list-style-type: none"> <li>▪ POST 7290-20122</li> <li>▪ STC 340735</li> <li>▪ DHS CA-035-PREV</li> </ul>
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 50 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Computer</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>
<b>Schedule of Events</b>	<b>DAY 1</b> <b>0800 – 1700</b> <b>Classroom Lecture and Practical Exercises</b>

	0800 – 1000	Course Overview/History of Terrorism Threat Overview
	1000 – 1100	Consequences, Short / Long Term Goals, Specific Infrastructure Knowledge
	1100 – 1200	Specific Infrastructure Knowledge (Cont.)
	1200 – 1300	Lunch
	1300 – 1400	Law Enforcement Responsibilities and Incidents at or near Infrastructure Locations
	1400 – 1500	Recovery and Consequence Mitigation Measures
	1500 – 1600	COOP Planning Training and Group Oral Exercises
	1600 – 1700	Suspicious Activity Reporting Procedures and Goal Review & Evaluations
	<b>Total Time</b>	<b>8 hours (approx.)</b>

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Technical Essentials

### Course Description

AWS Technical Essentials introduces you to AWS products, services, and common solutions. It provides you with fundamentals to become more proficient in identifying AWS services so that you can make informed decisions about IT solutions based on your business requirements and get started working on AWS.

### Performance Objectives

This training introduces AWS products, services, and common solutions with immersive exercises and hands-on activities. It helps learners who do not come from a technical background to gain proficiency in Amazon Web Services and empowers them to make informed decisions about IT solutions based on business requirements. By the end of this course, you will be able to:

- Identify AWS user groups and online tools and resources available
- Create an AWS account
- Identify technical terminology and concepts as they relate to the cloud and AWS platform
- Describe key AWS Compute and Storage products and services, including EC2, EC2 Security, related application services and CloudFormation templates, VPC, Amazon storage gateway and lifting, storage on S3 and Glacier
- Describe key AWS Scale and Networking products and services, including ELB, Auto Scale, CloudWatch metrics and alarms, Elastic BeanStalk, Networking with VPC, DirectConnect, Amazon Route 53, and CloudFront
- Describe the impact and importance of Architecture
- Identify the related Application services and CloudFormation templates
- Demonstrate how to launch and manage server instances in the AWS cloud
- Construct a hosted static website
- Deploying Infrastructure and Applications
- Describe the account, billing (tagging), pricing credentials delegation, reporting

<b>Max Students/Course</b>	20
<b>Duration</b>	1 day (8 hours) <i>Online live remote or onsite</i>
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	None
<b>Certifications/Permits/ Licenses</b>	<ul style="list-style-type: none"><li>▪ AWS Certified SysOps Administrator – Associate</li><li>▪ AWS Certified Solutions Architect – Associate</li><li>▪ Pending POST, DHS, and CalOES approval</li></ul>
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government- Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"><li>▪ Print &amp; Digital courseware</li></ul>
<b>Schedule of Events</b>	Under development



## Terrorism I: International Terrorism

### Course Description

Terrorism I: International Terrorism concentrates on understanding the various aspects of international and transnational terrorism, homegrown violent extremism, and developing effective strategies to counter the threat posed by contemporary international terrorists operating against, or within, the United States.

### Performance Objectives

1) Understand the definition of international terrorism; 2) Understand the rationale and reason underlying international terrorism; Understand the rationale and reason for the selection of targets of acts of international terrorism; Realize the importance of understanding the nature of international terrorism and international terrorists in order to develop strategies to counter international terrorism and prevent international terrorist attacks.

<b>Max Students/Course</b>	45		
<b>Duration</b>	3 days (24 hours)		
<b>No. Instructors</b>	5 (1:8)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS and POST Certified		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 45 students</li> <li>Tables and chairs</li> <li>AV capability</li> <li>Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>AV if necessary</li> <li>Easels/easel pads</li> <li>DNA</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0900	Introduction and Course Overview
		0900 – 1000	The California Threat
		1000 – 1015	Break
		1015 – 1200	The History of International Terrorism I
		1200 – 1300	Lunch
		1300 – 1400	Defining Terrorism
		1400 – 1500	The Evolving Homeland Threat
		1500 – 1515	Break
		1515 – 1600	The Radicalization Process
		1600 – 1700	Day 1 Summary
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>

	0800 – 0900	Homegrown Violent Extremism
	0900 – 1015	Al-Qaeda and ISIS
	1015 – 1030	Break
	1030 – 1200	Inmate Radicalization
	1200 – 1300	Lunch
	1300 – 1400	Foreign Fighters
	1400 – 1515	Hizballah and IRGC
	1515 – 1530	Break
	1530 – 1700	Day 2 Summary
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Human Trafficking and Terrorism
	1000 – 1015	Break
	1015 – 1200	Terrorism Indicators for Public Safety Part 1
	1200 – 1300	Lunch
	1300 – 1400	Terrorism Indicators for Public Safety Part 2
	1400 – 1500	Emerging Threats
	1500 – 1515	Break
	1515 – 1700	Course Conclusion and Certificates
<b>Total Time</b>	<b>24 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Terrorism II: Domestic Terrorism

### Course Description

Terrorism II: Domestic Terrorism reviews the range of domestic terrorist threats in the United States – along with foundational domestic terrorism topics, such as historical context and contemporary legal concerns. The course also examines pre incident indicators and provides participants with contemporary case study reviews of recent domestic terrorism cases in the United States.

### Performance Objectives

Understand the definition of domestic terrorism; Understand the rationale and reason underlying domestic terrorism ideologies; Understand the rationale and reason for the selection of tactics, techniques and procedures of recent domestic terrorists; Examine how the United States prosecutes and investigates acts of domestic terrorism and how these differ from international terrorism.

<b>Max Students/Course</b>	45		
<b>Duration</b>	2 days (16 hours)		
<b>No. Instructors</b>	5 (1:8)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS and POST Certified		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 45 students</li> <li>Tables and chairs</li> <li>AV capability</li> <li>Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>AV if necessary</li> <li>Easels/easel pads</li> <li>DNA</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<i>(Estimate)</i>		0800 – 0915	Course Introduction
		0915 – 0930	Break
		0930 – 1015	History of Domestic Terrorism
		1015 – 1030	Break
		1030 – 1200	Domestic Terrorism & the 1st Amendment
		1200 – 1330	Lunch
		1330 – 1445	Racially Motivated Violent Extremism
		1445 – 1500	Break
		1500 – 1630	Anti-Government Extremism
		1630 – 1645	Break
		1645 – 1700	Day 1 Summary
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0915	Single Issue Threats
		0915 – 0930	Break
		0930 – 1100	Other Contemporary Domestic Terrorism Issues
		1100 – 1230	Lunch
		1230 – 1400	Analyzing Domestic Terrorism Cases (Activity)
		1400 – 1415	Break



	1415 – 1530	Analyzing Domestic Terrorism Cases (Activity) (Cont.)
	1530 – 1545	Break
	1545 – 1700	Day 2 Summary
<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Terrorism III: Advanced Counter-Terrorism Strategies

### Course Description

Advanced Counter-Terrorism Strategies offers strategies for graduates of CSTI's Terrorism I and Terrorism II Courses and applies the knowledge, skills, and resources obtained in those courses to develop counterterrorism strategies in a simulated war game which compares and contrasts one team's pro-active force protection methods against a dedicated adversary's attack plan.

### Performance Objectives

1) Understand the definitions of counterterrorism and anti-terrorism; 2) Understand the difference between strategy and tactics; Understand the rationale and reasons that underlie an effective counterterrorism strategy; Understand the principles of effective strategic thinking.

<b>Max Students/Course</b>	45		
<b>Duration</b>	3 days (24 hours)		
<b>No. Instructors</b>	4 (1:10)		
<b>Prerequisites</b>	Recommended: <ul style="list-style-type: none"> <li>▪ Terrorism I: International Terrorism</li> <li>▪ Terrorism II: Domestic Terrorism</li> </ul>		
<b>Certifications/Permits/Licenses</b>	DHS and POST Certified		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ AV capability</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ AV if necessary</li> <li>▪ Easels/easel pads</li> <li>▪ DNA</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0900	Introduction and Definitions
		0900 – 1000	4th. Generation Warfare Part 1
		1000 – 1015	Break
		1015 – 1100	4th. Generation Warfare Part 2
		1100 – 1200	"Kill Chain" Activity Assignments
		1200 – 1300	Lunch
		1300 – 1500	Counterterrorism Strategies
		1500 – 1515	Break
		1515 – 1600	CT Case Study
		1600 – 1700	Student Activity Workshop
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>

	0800 – 1000	Cultural Awareness
	1000 – 1015	Break
	1015 – 1100	Community Outreach
	1100 – 1200	Understanding Arabic Names
	1200 – 1300	Lunch
	1300 – 1400	SARS, Tips, and Leads
	1400 – 1500	Assassination as CT
	1500 – 1515	Break
	1515 – 1700	Student Activity Workshop
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Protecting “Soft Targets”
	1000 – 1015	Break
	1015 – 1200	Understanding the Media
	1200 – 1300	Lunch
	1300 – 1430	Group Activity Preparation
	1430 – 1445	Break
	1445 – 1645	Group Activity
	1645 – 1700	Conclusion and Certificates
<b>Total Time</b>	<b>24 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Terrorism Intelligence Analysis

### Course Description

Terrorism Intelligence Analysis is designed for both collectors and consumers of intelligence, as well as newly assigned terrorism intelligence analysts and Terrorism Liaison Officers (TLO). While the course provides the basics of criminal intelligence analysis methodology, the information is presented within the framework of intelligence as it relates to terrorist activity.

### Performance Objectives

1) Understand the difference between information and intelligence; 2) Understand the rationale, reason, and importance underlying intelligence activity; Understand the intelligence cycle; Realize the importance of intelligence in preventing, protecting, mitigating, and responding to acts of terrorism.

<b>Max Students/Course</b>	45		
<b>Duration</b>	3 days (24 hours)		
<b>No. Instructors</b>	4 (1:10)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS and POST Certified		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ AV capability</li> <li>▪ Whiteboard</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ AV if necessary</li> <li>▪ Easels/easel pads</li> <li>▪ DNA</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0900	Course Introduction and Definitions
		0900 – 1000	The Intelligence Cycle
		1000 – 1015	Break
		1015 – 1200	Intelligence Failures
		1200 – 1300	Lunch
		1300 – 1400	Terrorism Threat Brief
		1400 – 1445	Coordination in Intelligence
		1445 – 1500	Break
		1500 – 1600	Group Activity
		1600 – 1700	Day 1 Summary
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>

	0800 – 1000	Critical Thinking & Cognitive Bias
	1000 – 1015	Break
	1015 – 1100	Structured Analytical Techniques
	1100 – 1200	Evaluating Sources
	1200 – 1300	Lunch
	1300 – 1500	Brainstorming Exercise
	1500 – 1515	Break
	1515 – 1600	Exercise Review
	1600 – 1700	Day 2 Summary
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Intelligence Products
	1000 – 1015	Break
	1015 – 1200	Student Threat Brief Preparation
	1200 – 1300	Lunch
	1300 – 1500	Student Presentations – Threat Brief
	1500 – 1515	Break
	1515 – 1630	Preventing Intelligence Failures
	1630 – 1700	Conclusion and Certificates
<b>Total Time</b>	<b>24 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Terrorist Attack Cycle

### Course Description

The purpose of the course is to help prevent a domestic terrorist attack by preparing participants to recognize terrorist actions in planning and preparing to execute an attack. This course provides training to assist emergency responders and other local stakeholders in analyzing existing security measures and formulating further strategies for threat mitigation. The course introduces the Terrorist Attack Cycle as a training medium using practical situational learning. This course was designed to teach participants how to conduct basic surveillance and limited surveillance detection the way our top tier adversaries do today.

### Performance Objectives

The course will use the Terrorist Attack Cycle as the training medium and participants will learn by doing. Participants will take on the role of terrorists preparing to attack domestic critical infrastructure targets and, under the direction of an instructor “cell leader”, will case multiple potential targets, select a target to be “attacked”, and conduct all necessary pre-attack surveillance to refine an attack plan. In doing so, students will operate using exactly the same tradecraft used by known international and domestic terrorist groups. They will learn to conduct surveillance, detect surveillance, and counter surveillance precisely the way our top tier adversaries do today.

<b>Max Students/Course</b>	24		
<b>Duration</b>	3 days (24 hours)		
<b>No. Instructors</b>	2 (1:12)		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>AWR-334 Introduction to the Terrorist Attack Cycle</li> </ul>		
<b>Certifications/Permits/Licenses</b>	Pending		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	L2 Defense		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 24 students</li> <li>Computer</li> <li>Projector</li> <li>Screen</li> <li>Audio</li> <li>White board</li> <li>Paper charts</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Facility for practical exercises</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Participant manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>		
<b>(Estimate)</b>	Unit 1	8 hours	Introduction to Terrorism and Terrorist Attack Cycle
	Unit 2		Preliminary / Broad Target Selection
	Unit 3		Initial Surveillance and Final Target Selection
	Unit 4		Pre-attack Surveillance and Planning
	Unit 5		Rehearsal
	Unit 6		Execution / Actions on the Objective
	Unit 7		Escape and Exploitation
	<b>DAY 2</b>		
	PE 1	8 hours	Preliminary Target Selection through Final Target Selection
	<b>DAY 3</b>		
	PE 2	8 hours	Pre-attack Surveillance and Planning
	<b>Total Time</b>	24 hours (approx.)	

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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)
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## The Crisis Brain: Neuroscience Applications for Resilient Leaders and Communities (Full Day)

### Course Description

Why do some people tend to be more resilient? Why do some people appear to thrive under pressure, while others burn out? How do employees handle the constant daily pressure to do more with less in an increasingly fast-paced, highly interconnected world? This training explores the brain science behind resilience and the practical applications for employees as individuals and leaders, and ways to apply recent neuroscientific advances to reduce stress and balance personal and professional productivity. The course was specifically created to address the unique complexities and pressures faced by emergency managers and crisis leaders in both 'blue sky' and 'grey sky' environments. Participants will leave with an enhanced understanding of how the brain works, and strategies and tools that can be immediately implemented to reach, and sustain, optimal performance over the long haul as individuals, as employers/colleagues, and as community members.

### Performance Objectives

- Understand the brain science behind resilience
- How to apply neuroleadership advances to reduce stress and burnout
- Tools that can be implemented to reach, and sustain, peak performance over the long haul as individuals, as leaders, and as community members
- Decision-making tools and strategies based on neuroscience
- New ways of thinking to encourage collaboration and influence based on social neuroscience
- Tools to more easily remember, recognize, and modify the core social domains that drive human behavior
- Strategies that can be implemented to create an environment for better creative solutions-based problem solving

<b>Max Students/Course</b>	40		
<b>Duration</b>	1 day (8 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	2 (1:20)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ Projector and screen</li> <li>▪ Lapel microphone or hand-held microphone</li> <li>▪ Connection cables (HDMI and VGA) for projection system</li> <li>▪ Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Laptop</li> <li>▪ Thumb drive</li> <li>▪ Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Introduction
		0830 – 0845	Survey
		0845 – 1000	Understanding the Brain
		1000 – 1015	Break



	1015 – 1045	The Threat Response
	1045 – 1200	The Scarf Model
	1200 – 1300	Lunch
	1300 – 1330	Decision Making
	1330 – 1530	Building a Resilient Brain
	1530 – 1545	Break
	1545 – 1630	The ROI
	1630 – 1700	Survey and Brief Out
<b>Total Time</b>		8 hours (approx.)

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## The Crisis Brain: Neuroscience Applications for Resilient Leaders and Communities (Half Day)

### Course Description

Why do some people tend to be more resilient? Why do some people appear to thrive under pressure, while others burn out? How do employees handle the constant daily pressure to do more with less in an increasingly fast-paced, highly interconnected world? This training explores the brain science behind resilience and the practical applications for employees as individuals and leaders, and ways to apply recent neuroscientific advances to reduce stress and balance personal and professional productivity. The course was specifically created to address the unique complexities and pressures faced by emergency managers and crisis leaders in both 'blue sky' and 'grey sky' environments. Participants will leave with an enhanced understanding of how the brain works, and strategies and tools that can be immediately implemented to reach, and sustain, optimal performance over the long haul as individuals, as employers/colleagues, and as community members.

This session will also use advances in scientific knowledge and the ability to study the human brain to increase understanding of our brain's dynamic threat and reward systems. It will highlight a practical model that enables people to more easily remember, recognize, and modify the core social domains that drive the behavior of ourselves and others. Participants will leave with an enhanced understanding of how to minimize perceived threats, think clearly under pressure, and maximize positive feelings when working alongside others to achieve optimal performance under pressure and productive change.

### Performance Objectives

- Understand the brain science behind resilience
- How to apply neuroleadership advances to reduce stress and burnout
- Tools that can be implemented to reach, and sustain, peak performance over the long haul as individuals, as leaders, and as community members
- Strategies to gain buy-in from leaders to create organizational and cultural change

Max Students/Course	40			
Duration	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>			
No. Instructors	2 (1:20)			
Prerequisites	None			
Certifications/Permits/ Licenses	N/A			
Course Cost	Please contact SenseMakers LLC			
Course Vendor(s)	Mozaik Solutions			
Customer/Government- Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 30 students</li><li>▪ Tables and chairs</li><li>▪ Projector and screen</li><li>▪ Lapel microphone or hand-held microphone</li><li>▪ Connection cables (HDMI and VGA) for projection system</li><li>▪ Any requested snacks: water, coffee, snacks/meals</li></ul>			
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li><li>▪ Thumb drive</li><li>▪ Slide advancer</li></ul>			
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li></ul>			
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1200</td><td>Classroom Lecture and Practical Exercises</td></tr></table>	DAY 1	0800 – 1200	Classroom Lecture and Practical Exercises
DAY 1	0800 – 1200	Classroom Lecture and Practical Exercises		

	0800 – 0830	Introduction
	0830 – 0845	Survey
	0845 – 0945	Understanding the Brain
	0945 – 1000	Break
	1000 – 1030	The Threat Response
	1030 – 1200	Building a Resilient Brain
	<b>Total Time</b>	4 hours (approx.)

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## Threat Hunting

### Course Description

This course provides training in cyber threat hunting using Dragos threat assessment tools. The course will cover the process from start to finish to teach students how to search through networks for security vulnerabilities and identify new critical system threats. Identifying system weaknesses that are susceptible to unusual user activity, investigating the endpoint's potential to be compromised, and turning analysis into actionable response to system threats. Additionally, it will cover how to prioritize data, work with varying sizes of datasets and networks, and employing Dragos tools to make the process possible.

### Performance Objectives

- Understand how to conduct threat hunting on a network and provide recommendation for response to vulnerabilities
- Be able to employ Dragos tools to enhance and enable accurate, efficient threat hunting

Max Students/Course	20
Duration	3 days (24 hours)
No. Instructors	1 (1:20)
Prerequisites	None
Certifications/Permits/ Licenses	Pending POST, DHS, and CalOES approval
Course Cost	Please contact SenseMakers LLC
Course Vendor(s)	California Cybersecurity Institute
Customer/Government- Provided Equipment	N/A
Contractor Provided Equipment	N/A
Student Materials	<ul style="list-style-type: none"><li>▪ Print &amp; Digital courseware</li></ul>
Schedule of Events	Under development



## Threat Intelligence

### Course Description

This course is an in-depth look at how to apply Dragos World View technology towards gathering intelligence on threats to make informed decisions about incident prevention and response. Students will be guided through training on how to conduct vulnerability analyses, identify detailed adversary tactics and techniques, and mitigate defensive recommendations. The course will also cover the proactive defense methods including how to immediately respond to threats, how to identify ICS specific adversaries, and how to respond to incidents efficiently and quickly.

### Performance Objectives

- Understand how to leverage Dragos Threat Intelligence tools for vulnerability insights
- Understand how to implement proactive defense methods based on data-driven reports
- Understand how to interpret and integrate ICS-specific Threat Intelligence data

<b>Max Students/Course</b>	20
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	None
<b>Certifications/Permits/ Licenses</b>	Pending POST, DHS, and CalOES approval
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government- Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Print &amp; Digital courseware</li> </ul>
<b>Schedule of Events</b>	Under development



## Trench Rescue Level I & II

### Course Description

Trench Rescue Level I & II is a course designed to train the rescuer in trench rescue and recovery. This course meets or exceeds NFPA 1006 Chapters 5, 8.1 & 8.2. The student will be trained on: trench size up and assessment, atmospheric monitoring, trench support shoring, victim profiling and packaging in the trench. Emphasis will be placed on rescuer/victim safety, trench stabilization/shoring techniques of straight and intersecting trenches.

### Performance Objectives

The course will teach the students rescuer/victim safety, trench stabilization/shoring techniques.

<b>Max Students/Course</b>	25
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	4 (4:25)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Rope Rescue Level I</li> <li>▪ VMR Level I</li> </ul>
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	L2 Defense
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Helmet</li> <li>▪ Boots</li> <li>▪ Gloves</li> <li>▪ Long/short sleeve T-shirt</li> <li>▪ Long Pants</li> <li>▪ Sunscreen</li> <li>▪ Hydration</li> <li>▪ Classroom</li> <li>▪ Outdoor training facility</li> <li>▪ Eye protection</li> <li>▪ Trench Prop</li> <li>▪ Shoring Equipment and lumber package</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Books</li> <li>▪ Outlines</li> <li>▪ Classroom materials</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Books</li> <li>▪ Outlines</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Trench Rescue Technician

### Course Description

This three-day course will take you from classroom discussion to working safely and efficiently in a trench rescue environment. This hands-on training program will cover topics that include: Trench and Excavation Regulations, Understanding Soil, Trench Configurations, Trench Hazards, Rescue Team Preparation, Incident Response, Initial On Scene and Pre-Entry Operations, Shoring Systems and Components, Installation of Shoring Systems, Victim Rescue and Recovery and Incident Termination.

### Performance Objectives

Students will be able to identify Trench and Excavation Regulations, will be able to identify trench configurations and hazards, will understand incident response and components of shoring systems.

<b>Max Students/Course</b>	24
<b>Duration</b>	3 days (24 hours) <i>Virtual course pending, please contact us for more details.</i>
<b>No. Instructors</b>	2 (1:12)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>Rescue Systems I</li> </ul>
<b>Certifications/Permits/Licenses</b>	CSFM, FSTEP
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Fire & Rescue Training Authority (CFRTA), Industrial Emergency Council, Nor Cal Rescue Training (NCRT)
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Helmet</li> <li>Boots</li> <li>Gloves</li> <li>Long/short sleeve T-shirt</li> <li>Long Pants</li> <li>Sunscreen</li> <li>Hydration</li> <li>Classroom</li> <li>Outdoor training facility</li> <li>Eye protection</li> <li>Trench Prop</li> <li>Shoring Equipment and lumber package</li> <li>CSFM approved trench site</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Books</li> <li>Outlines</li> <li>Classroom materials</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Books</li> <li>Outlines</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 3 days for a total of 24 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Unmanned Aircraft Systems (UAS) Advanced Operators

### Course Description

The Advanced UAS Operators course is three days of intensive flight training designed to equip peace officers and first responders with the knowledge and skillsets to make them mission ready. The course is built around reality based UAS scenario missions.

### Performance Objectives

- Demonstrate the skills needed to fly FPV (first person view)
- Understand and apply techniques for interior operations
- Operate as direct support for tactical team operations
- Operate as a direct support for investigative and administrative operations
- Examine UAV platforms for: Interior, Exterior-high, Exterior-tight, Exterior-persistent
- Sample different UAV platforms to determine which is preferred for specific mission sets
- Learn how to fly fixed winged for larger mapping assignments and search and rescue operations

<b>Max Students/Course</b>	16		
<b>Duration</b>	3 days (24 hours)		
<b>No. Instructors</b>	Varies: 3 (1:6) for practical, 1 (1:16) for classroom		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Mandatory: FAA Part 107 license and/or 10 hours of flight time</li> <li>▪ This course is not for beginners or those just learning to fly</li> </ul>		
<b>Certifications/Permits/Licenses</b>	POST Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Los Angeles County Regional Training Center (LACRTC)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 16 students</li> <li>▪ Tables and chairs</li> <li>▪ Indoor and outdoor flight areas</li> <li>▪ Appropriate airspace for sUAS</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ All equipment</li> <li>▪ Unmanned vehicle</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1000	Public Safety UAS Orientation
		1000 – 1200	Basic Skills Rotation
		1200 – 1300	Lunch
		1300 – 1430	Missions Classroom
		1430 – 1700	Flight Training
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0930	Platform Selection
		0930 – 1200	Flight Training
		1200 – 1300	Lunch
		1300 – 1430	FAA Rules
		1430 – 1700	Flight Training
	<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Advanced Mission Sets (Scenarios)
		1200 – 1300	Lunch
		1300 – 1500	Top Gun Practical Examination
		1500 – 1700	Course Material Review





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<b>Total Time</b>	24 hours (approx.)
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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)
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## Unmanned Aircraft Systems (UAS) Basic Pilot

### Course Description

The UAS Basic Pilots Course is a 32 -hour program of instruction (8-hours online, 24 hours in class) designed specifically for agencies who are regularly flying missions in a well-established UAS program. The course begins with FAA 107 certification followed by intensive flight training for law enforcement mission-specific piloting skills. Each student will receive 12 hours of flight instruction and log 2-3 hours of actual flight time with an UAV as a member of an UAS deployment team. All instruction will be consistent with the FAA's current rules and regulations. Successful graduates will be qualified under the FAA's Part 107, to operate as a Remote Pilot in Command for standard operations (pending a TSA background investigation). Students will return to their respective organizations as certified pilots who are skilled and operational.

### Performance Objectives

- Prepare for, then take, the FAA UAG 107 test (included in tuition)
- Identify and explain agency specific mission sets
- Explain UAS operations and limitations
- Create or modify a UAS training program
- Demonstrate the ability to apply for Public Use Certificates of Authorization and waivers under Part 107
- Demonstrate the ability to operate a UAV in basic mission sets

<b>Max Students/Course</b>	21		
<b>Duration</b>	4 days (32 hours), 8 hours online and 24 hours in class		
<b>No. Instructors</b>	Varies: 2 (1:10) for practical, 1 (1:21) for classroom		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	POST Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Los Angeles County Regional Training Center (LACRTC)		
<b>Customer/Government-Provided Equipment</b>	A classroom (min. 800 sq. ft.) with access to area suitable to fly small unmanned aerial vehicles (approx. 500' x 500')		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ All equipment</li> <li>▪ Unmanned vehicle</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> <li>▪ Access to online classroom</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	FAA 107 Test Preparation
		1200 – 1300	Lunch
		1300 – 1400	FAA 107 Test Review
		1400 – 1700	FAA 107 Examination
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1000	Safety and Preflight
		1000 – 1200	Flight Training
		1200 – 1300	Lunch
		1300 – 1430	Public Safety Mission Sets
		1430 – 1700	UAV Flight Training
	<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0930	Platform Selection
		1000 – 1200	Flight Training
		1200 – 1300	Lunch
		1300 – 1430	Certificates of Authorization and FAA Part 107
		1430 – 1700	Flight Training and Practical Examination



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<b>Total Time</b>	24 hours (approx.)
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\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)
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## Unmanned Aircraft Systems (UAS) Crime and Accident Scene Investigation

### Course Description

This 3-day, 24-hour course POST Certified course was developed to address the training gap that existed for government agencies to fully utilize Unmanned Aerial Vehicle's (UAV's), Unmanned Aircraft Systems (UAS) and related technologies to effectively respond to, process, document and investigate crime, accident and other emergency scenes. UAV's and the 3D Mapping software applications are emerging as accurate and efficient tools for crime and accident scene documentation and enhanced investigation. This course is the first course of its kind in California, and the first nationally at this depth, and the only course that trains the process all the way to preparing the student for courtroom testimony.

### Performance Objectives

- Explain unmanned aircraft capabilities
- Describe agency operations and protocols
- Select UAV-CSI equipment and software
- Demonstrate actual crime/accident scene processing (mapping 3D and 2D)
- Demonstrate expert courtroom testimony

<b>Max Students/Course</b>	24		
<b>Duration</b>	3 days (24 hours)		
<b>No. Instructors</b>	Varies: 2 (1:12) for practical, 1 (1:24) for classroom		
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Must possess FAA 107 License</li> </ul>		
<b>Certifications/Permits/Licenses</b>	POST Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Los Angeles County Regional Training Center (LACRTC)		
<b>Customer/Government-Provided Equipment</b>	A classroom (min. 800 sq. ft.) with power outlets for student computers, and access to area suitable to fly small unmanned aerial vehicles (approx. 500' x 500')		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ All equipment</li> <li>▪ Unmanned vehicle</li> <li>▪ Mapping software</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> <li>▪ Temporary license for mapping software</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Introduction to Unmanned Aerial Vehicles
		1200 – 1300	Lunch
		1300 – 1700	UAS Agency operations
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1000	Identifying UAS Needs for the Agency
		1000 – 1200	UAS Crime/Accident Scene Equipment
		1200 – 1300	Lunch
		1300 – 1400	UAS Crime/Accident Scene Software
		1400 – 1700	UAS Crime/Accident Scene Process

<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 –1200	UAS Crime/Accident Scene Process continued
	1200 – 1300	Lunch
	1300 – 1430	General crime scene processing considerations and awareness
	1430 – 1700	UAS Crime/Accident scene Courtroom Testimony (Expert witness)
<b>Total Time</b>	24 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Unmanned Aircraft Systems (UAS) Operators

### Course Description

Today over 100 California law enforcement agencies have seen the cost and life-saving benefits of unmanned aircraft and have implemented UAS programs. The constraint for these pioneer agencies is identifying what a comprehensive UAS program should look like. To address this training shortfall, the Unmanned Aircraft Systems (UAS) Operator's Course was created. This course is a 48-hour program of instruction designed to provide first responders and governmental agencies with the knowledge and skills necessary to create and implement an aviation program based on unmanned aerial vehicle (UAV) platforms. This instruction will also address integrating UAVs into traditional airborne operations, as well as the general aviation community. Students will have the opportunity to take the Federal Aviation Administration's (FAA) Aeronautical Knowledge Test for the Remote Pilot Airman Certificate after instructor led preparation.

### Performance Objectives

- Prepare for, then take, the FAA UAG 107 test (included in tuition)
- Identify and explain agency specific mission sets
- Demonstrate the ability to create or modify a UAS safety management system
- Demonstrate the ability to create or modify a UAS maintenance program
- Explain UAS operations and limitations
- Create or modify a UAS training program
- Demonstrate the ability to apply for Public Use Certificates of Authorization and waivers under Part 107
- Demonstrate the ability to operate a UAV in basic mission sets

<b>Max Students/Course</b>	24		
<b>Duration</b>	6 days (48 hours), 8 hours online and 40 hours in class		
<b>No. Instructors</b>	Varies: 2 (1:10) for practical, 1 (1:24) for classroom		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	POST Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Los Angeles County Regional Training Center (LACRTC)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 24 students</li> <li>▪ Tables and chairs</li> <li>▪ Open area in Class G air space or zoned remotely piloted aircraft</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ All equipment</li> <li>▪ Unmanned vehicle</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> <li>▪ Access to online classroom</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Part 107 Review
		1200 – 1300	Lunch
		1300 – 1700	Part 107 FAA Exam
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1000	Flight Training
		1000 – 1200	Agency Mission Sets
		1200 – 1300	Lunch
		1300 – 1500	sUAS Operations and Policy
		1500 – 1700	Flight Training
	<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>

	0800 – 1000	Flight Training
	1000 – 1200	FAA Rules and Regulations
	1200 – 1300	Lunch
	1300 – 1500	sUAS Safety Management Systems
	1500 – 1700	Flight Training
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Flight Training
	1000 – 1200	Training Programs
	1200 – 1300	Lunch
	1300 – 1500	sUAS Maintenance Programs
	1500 – 1700	Flight Training
<b>DAY 5</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Operational Skillsets
	1000 – 1200	Flight Training and Testing
	1200 – 1300	Lunch
	1300 – 1500	Emerging UAS Technology
	1500 – 1600	Training Records and Documentation
	1600 – 1700	Course Review and Student “take-ways”
<b>Total Time</b>	40 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Vehicle Machinery Rescue Level I

### Course Description

Vehicle and Machinery Rescue Level I is a course designed to train rescuers in light vehicle and machinery extrication. This course will meet or exceed NFPA 1006 Chapter 5 & 10.1 requirements. It will teach the students the basics of vehicle and machinery rescue, scene size up, identifying hazards, stabilization of common passenger cars and machinery, entry and egress techniques, disentanglement techniques, tool usage, patient packaging, and removal. Emphasis will be placed on rescuer and victim safety, proper tool selection and usage and utilizing a multi-step approach to extrication planning.

### Performance Objectives

The course is held to teach the students the basics of vehicle and machinery rescue.

<b>Max Students/Course</b>	25
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	4 (4:25)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Rope Rescue Level I</li> </ul>
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	L2 Defense
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Extrication Gear</li> <li>▪ Bunker Gear</li> <li>▪ Helmet</li> <li>▪ Boots</li> <li>▪ Gloves</li> <li>▪ Long/short sleeve T-shirt</li> <li>▪ Long Pants</li> <li>▪ Sunscreen</li> <li>▪ Hydration</li> <li>▪ Classroom</li> <li>▪ Outdoor training facility</li> <li>▪ Salvage cars</li> <li>▪ Rescue equipment</li> <li>▪ Eye protection</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Books</li> <li>▪ Outlines</li> <li>▪ Classroom materials</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Books</li> <li>▪ Outlines</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)





## Vehicle Machinery Rescue Level II

### Course Description

Vehicle and Machinery Rescue Level II is a course designed to train rescuers in commercial or heavy vehicle and machinery rescue. This course will meet or exceed NFPA 1006 Chapters 5 & 10.2 requirements. It will teach the students the basic and advanced concepts of Vehicle and Machinery Rescue: scene size up, identifying hazards, stabilization of commercial vehicles and machinery, entry and egress techniques, disentanglement techniques, tool usage, patient packaging, and removal. Emphasis will be placed on rescuer and victim safety, proper tool selection and usage and utilizing a multi-step approach to extrication planning.

### Performance Objectives

The course will teach the students the basic and advanced concepts of Vehicle and Machinery Rescue.

<b>Max Students/Course</b>	25
<b>Duration</b>	5 days (40 hours)
<b>No. Instructors</b>	4 (4:25)
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Rope Rescue Level I</li> <li>▪ Vehicle Machinery Rescue Level I</li> </ul>
<b>Certifications/Permits/Licenses</b>	
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	L2 Defense
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Extrication Gear</li> <li>▪ Bunker Gear</li> <li>▪ Helmet</li> <li>▪ Boots</li> <li>▪ Gloves</li> <li>▪ Long/short sleeve T-shirt</li> <li>▪ Long Pants</li> <li>▪ Sunscreen</li> <li>▪ Hydration</li> <li>▪ Classroom</li> <li>▪ Outdoor training facility</li> <li>▪ Salvage cars</li> <li>▪ Rescue equipment</li> <li>▪ Eye protection</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Books</li> <li>▪ Outlines</li> <li>▪ Classroom materials</li> </ul>
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ Books</li> <li>▪ Outlines</li> </ul>
<b>Schedule of Events</b>	8AM – 5PM Daily over 5 days for a total of 40 Hours of instruction

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Vehicular Vulnerabilities

### Course Description

Organizations spend a great deal of time, money and resources protecting their physical infrastructures from cyberbreaches but neglect the vehicles their teams use in the field. This one-day course introduces individuals with basic computer skills to the security vulnerabilities accessible to hackers in any vehicle, anytime and anywhere. This hands-on, immersive training program teaches participants to discover where security vulnerabilities may exist through a Learn by Doing experience. Attendees also gain an understanding of how to identify and enumerate common field equipment used by modern police forces.

### Performance Objectives

- Penetration testing of wiring, antennas, infotainment systems and radios.
- Software that operates your vehicles (most vehicles today have millions of lines of code).
- The security risk of mobile phones that enter your car
- Accessible passwords to hackers in your vehicle
- How to tell if your vehicle has been compromised
- Digital attacks on drivers in your community

<b>Max Students/Course</b>	20
<b>Duration</b>	1 day (8 hours)
<b>No. Instructors</b>	1 (1:20)
<b>Prerequisites</b>	None
<b>Certifications/Permits/Licenses</b>	Pending POST, DHS, and CalOES approval
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Cybersecurity Institute
<b>Customer/Government-Provided Equipment</b>	N/A
<b>Contractor Provided Equipment</b>	N/A
<b>Student Materials</b>	<ul style="list-style-type: none"><li>▪ Print &amp; Digital courseware</li></ul>
<b>Schedule of Events</b>	Under development



## Volunteers, Donations, and Survivor's Services for Cost Recovery

### Course Description

This is a two-fold working session. The dollar value of donations and volunteer time can be used to offset payments to FEMA that are required by the Stafford Act when they are properly documented. This is potentially worth millions of dollars to the local agency when properly handled. The second part of the workshop deals with the proper acceptance of both monetary and in-kind donations to avoid reductions in FEMA disaster assistance. If these donations are not properly handled, FEMA will reduce its payments for individual projects, sometimes affecting millions of dollars of funding. This session includes policy change information from FEMA and a sample agreement between the agency and a non-profit service provider.

### Performance Objectives

Participants will learn how to properly document donations of labor, materials, and equipment for disaster response activities. They will also learn how to properly accept large donations in such a way that they do not reduce FEMA grant funds. Participants will also learn how to properly document survivor's services, such as sheltering, mass feeding, animal rescue and care, etc. in order to receive funding for these services when provided by bona-fide private non-profit organizations.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Projector and screen</li> <li>Lapel microphone or hand-held microphone</li> <li>Connection cables (HDMI and VGA) for projection system</li> <li>Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Thumb drive</li> <li>Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0900	Introduction
		0900 – 1030	Public Assistance Program and Policy Guide
		1030 – 1130	Disaster Cost Recovery Issues for Sheltering
		1130 – 1200	Where Are We Spending Public Assistance
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## WMD/Terrorism Response for the Technician and Specialist

### Course Description

This course trains certified technicians and specialists in the intricacies of terrorism and potential weapons that might be encountered in a terrorist attack. Using updates and current events, augmented by specialists from bomb squads, clandestine laboratory responders and other currently serving professionals, this class improves awareness and operational capabilities, increases knowledge, and improves competencies in the field. Classroom presentations are combined with field exercises in chemical protective clothing.

### Performance Objectives

The terminal objectives for the Hazardous Materials, Weapons of Mass Destruction, Terrorism for the Technician/Specialist Course are to provide students with:

- A knowledge of terrorism, its definition and how it applies to hazardous materials emergency response
- A knowledge of past terrorism events and lessons learned from those events
- A knowledge of devices and hazardous substances terrorists are likely to employ to create a Weapon of Mass Destruction (WMD) incident
- A knowledge of chemical weapons, their health effects, antidotes, and treatment
- A knowledge of the sources and composition of chemical weapons to include military, Industrial and homebrew
- A knowledge of biological weapons, their health effects, vaccinations, antidotes, treatment, and mortality
- A knowledge of biological weapons, their persistence and contagiousness
- A knowledge of the sources and composition of biological weapons to include military, Industrial and homebrew
- A knowledge of nuclear weapons and their health effects
- A knowledge of the sources and composition of nuclear weapons to include military and improvised
- A knowledge of radiation dispersal weapons, their health effects and treatment
- A knowledge of the sources and composition of radiation dispersal weapons to include military, Industrial and homebrew
- A knowledge of the types of radiation, its health effects, and protective actions
- A knowledge of the sources radioactive materials to include facilities, transportation, and packaging
- A knowledge of the sources and composition of explosives to include military industrial and homebrew
- A knowledge of the types of explosive devices to include dispersal devices
- A knowledge of the types of secondary explosive devices and suicide bomber devices
- A knowledge of atmospheric monitoring equipment and its application to WMD including its limitations, and method of use

<b>Max Students/Course</b>	30
<b>Duration</b>	2 days (16 hours)
<b>No. Instructors</b>	2 (1:15)
<b>Prerequisites</b>	Participants must be California state certified at the Hazardous Materials Technician or Specialist level.
<b>Certifications/Permits/Licenses</b>	Cal OES approved
<b>Course Cost</b>	Please contact SenseMakers LLC
<b>Course Vendor(s)</b>	California Specialized Training Institute (CSTI)
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Classroom for 30 students</li> <li>▪ Tables and chairs</li> <li>▪ AV capability</li> <li>▪ Whiteboard</li> <li>▪ Exterior training grounds suitable for field exercises</li> </ul>
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ AV if necessary</li> <li>▪ Easels/easel pads</li> <li>▪ Training props</li> </ul>

<b>Student Materials</b>	<ul style="list-style-type: none"> <li>All printed course materials</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
<i>(Estimate)</i>		0800 – 0900	Welcome/Course Overview
		0900 – 1030	Introduction to Terrorism
		1030 – 1200	Introduction to WMD for HazMat Teams
		1200 – 1300	Lunch
		1300 – 1700	Response and Mitigation of WMD Events
	<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 1200	Field Exercises
		1200 – 1300	Lunch
		1300 – 1400	Course Review
		1400 – 1500	Written Exam
		1500 – 1700	Course Evaluation and Closing
	<b>Total Time</b>	16 hours (approx.)	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)



## Work and Activity Documentation Planning for Cost Recovery

### Course Description

Federal regulations require that the local agency have plans and processes in place to document their disaster expenses and have management systems in place for the purchasing and contracting functions, which often account for 80% of all disaster costs. This session describes the legal requirements and initiates the planning process to maximize the disaster cost recovery.

### Performance Objectives

Participants will learn about the Federal requirements and begin the process of organizing their in-house procedures to meet these strict requirements. Students will participate in team exercises to understand how to meet Federal documentation requirements. They will receive numerous forms to assist in the process.

<b>Max Students/Course</b>	30		
<b>Duration</b>	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>		
<b>No. Instructors</b>	1 (1:30)		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	N/A		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Mozaik Solutions		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>Classroom for 30 students</li> <li>Tables and chairs</li> <li>Projector and screen</li> <li>Lapel microphone or hand-held microphone</li> <li>Connection cables (HDMI and VGA) for projection system</li> <li>Any requested snacks: water, coffee, snacks/meals</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>Laptop</li> <li>Thumb drive</li> <li>Slide advancer</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>Student manual</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1200</b>	<b>Classroom Lecture and Practical Exercises</b>
<b>(Estimate)</b>		0800 – 0900	Public Assistance Claims Process Outline
		0900 – 1000	Paper Flow from the Field for Cost Recovery
		1000 – 1100	FEMA Form - Force Account Equipment Summary Record
		1100 – 1200	EOC/DOC Summary Staffing Report
	<b>Total Time</b>	4 hours (approx.)	

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## Work Process Flow for Disaster Cost Recovery

### Course Description

This workshop defines the actual workflow process to ensure that the required documentation is collected, properly filed, and retained as required by law. This session also reviews the complexities of managing the Project Worksheet files to ensure that critical timelines are met to avoid de-obligation of Project Worksheets. This workshop describes a plan for the effective organization of Project Worksheet files.

### Performance Objectives

The participants will visualize, design, and organize workflow processes for their agency or department, which will meet Federal requirements for documentation.

Max Students/Course	30															
Duration	1/2 day (4 hours) <i>Virtual course available, please contact us for more details.</i>															
No. Instructors	1 (1:30)															
Prerequisites	None															
Certifications/Permits/ Licenses	N/A															
Course Cost	Please contact SenseMakers LLC															
Course Vendor(s)	Mozaik Solutions															
Customer/Government- Provided Equipment	<ul style="list-style-type: none"><li>▪ Classroom for 30 students</li><li>▪ Tables and chairs</li><li>▪ Projector and screen</li><li>▪ Lapel microphone or hand-held microphone</li><li>▪ Connection cables (HDMI and VGA) for projection system</li><li>▪ Any requested snacks: water, coffee, snacks/meals</li></ul>															
Contractor Provided Equipment	<ul style="list-style-type: none"><li>▪ Laptop</li><li>▪ Thumb drive</li><li>▪ Slide advancer</li></ul>															
Student Materials	<ul style="list-style-type: none"><li>▪ Student manual</li></ul>															
Schedule of Events	<table><tr><td>DAY 1</td><td>0800 – 1200</td><td>Classroom Lecture and Practical Exercises</td></tr></table>	DAY 1	0800 – 1200	Classroom Lecture and Practical Exercises												
DAY 1	0800 – 1200	Classroom Lecture and Practical Exercises														
(Estimate)	<table><tr><td></td><td>0800 – 0900</td><td>Introduction</td></tr><tr><td></td><td>0900 – 1000</td><td>Information Classifications for Cost Recovery</td></tr><tr><td></td><td>1000 – 1100</td><td>The Fire &amp; Law EOC Paradox</td></tr><tr><td></td><td>1100 – 1200</td><td>Converting raw data into usable information</td></tr><tr><td>Total Time</td><td colspan="2">4 hours (approx.)</td></tr></table>		0800 – 0900	Introduction		0900 – 1000	Information Classifications for Cost Recovery		1000 – 1100	The Fire & Law EOC Paradox		1100 – 1200	Converting raw data into usable information	Total Time	4 hours (approx.)	
	0800 – 0900	Introduction														
	0900 – 1000	Information Classifications for Cost Recovery														
	1000 – 1100	The Fire & Law EOC Paradox														
	1100 – 1200	Converting raw data into usable information														
Total Time	4 hours (approx.)															

\*Schedule designed to also include the following:

- 1 – fifteen (15) minute break



## Working in the Edge of Chaos

### Course Description

This course was created to achieve measurable student outcomes utilizing blended learning, classroom facilitation, and scenario-based training for critical incident commanders. Students will demonstrate the ability to apply intuitive sense-making strategies while working in a fast-changing, chaotic environment by using the 5 tenets of Working in The Edge of Chaos®. Graduates of this course will have the knowledge and skills to establish and maintain a productive and purposed incident command.

### Performance Objectives

- Explain the critical incident tactical concepts outlined in the book “Sound Doctrine” and the Homeland Security Affairs paper “The Missing Piece of NIMS: Teaching Incident Commanders How to Function in the Edge of Chaos”
- State the course objectives and explain the importance of effectively managing and sharing information at the command post
- Describe how the Incident Command System (ICS) functions and demonstrate how to manage a critical incident using ICS during a reality-based scenario
- Explain how to apply the concepts of ICS and the 5 tenets of working in the edge of chaos during a critical incident
- Describe the traits of an effective incident commander and explain how those traits are applied
- Describe how to apply incident command best practices and the lessons learned regarding past terror attack(s) and explain how those lessons are applied in their own jurisdiction
- Explain and demonstrate how to apply the tactical doctrinal concepts of critical incident decision-making outlined in the book “Sound Doctrine”
- Explain how to apply effective crisis decision-making strategies during a critical incident
- Apply concepts and strategies taught while working in groups on a given a table-top scenario exercise
- Describe how to apply Emotional Intelligence before, during and after a critical incident
- Explain the expectations of organizational leadership and describe how to apply specific strategies to work effectively within those parameters

<b>Max Students/Course</b>	21		
<b>Duration</b>	10 days (80 hours), 8 hours online and 72 hours in class		
<b>No. Instructors</b>	Varies: 2 (1:10) for practical, 1 (1:24) for classroom		
<b>Prerequisites</b>	None		
<b>Certifications/Permits/Licenses</b>	DHS, Cal OES, and POST Approved		
<b>Course Cost</b>	Please contact SenseMakers LLC		
<b>Course Vendor(s)</b>	Los Angeles County Regional Training Center (LACRTC)		
<b>Customer/Government-Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ Two rooms (min. 800 sq. ft.) with 35-person capacity</li> <li>▪ Tables and chairs</li> <li>▪ 1500 sq. ft. space set outdoors on asphalt/concrete with vehicle access (isolated area desired)</li> </ul>		
<b>Contractor Provided Equipment</b>	<ul style="list-style-type: none"> <li>▪ All equipment provided</li> </ul>		
<b>Student Materials</b>	<ul style="list-style-type: none"> <li>▪ All printed course materials</li> <li>▪ Electronic files</li> </ul>		
<b>Schedule of Events</b>	<b>DAY 1</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
		0800 – 0830	Course Orientation
		0830 – 1300	Introduction to Incident Command
		1300 – 1400	Lunch
		1400 – 1700	Critical Incident Management



<b>DAY 2</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Agency Mission Sets
	1200 – 1300	Lunch
	1300 – 1700	Terror Incidents
<b>DAY 3</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Diagnosis Doctrinal Concepts
	1200 – 1300	Lunch
	1300 – 1700	Diagnosis Doctrinal Concepts
<b>DAY 4</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Critical Decision Making
	1200 – 1300	Lunch
	1300 – 1700	Critical Decision Making
<b>DAY 5</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1200	Emotional Intelligence
	1200 – 1300	Lunch
	1300 – 1700	Managing Your Chief and Your People
<b>DAY 6</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Managing Your Chief and Your People
	1000 – 1130	Types of Events
	1130 – 1230	Lunch
	1230 – 1500	Reality-Based Scenarios Set 1
	1500 – 1700	Tenets of ICS Leadership (Guest Speaker)
<b>DAY 7</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	1300 – 1500	ICS During Initial Response
	1500 – 1700	Creative Problem Solving
	1700 – 1800	Dinner
	1800 – 2200	Reality-Based Scenarios Set 2
<b>DAY 8</b>	<b>1300 – 2200</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 0900	Leverage Points and Recognizing Opportunity
	0900 – 1200	Technology in ICS
	1200 – 1300	Lunch
	1300 – 1400	Technology
	1400 – 1700	Reality-Based Scenarios Set 3
<b>DAY 9</b>	<b>0800 – 1700</b>	<b>Classroom Lecture and Practical Exercises</b>
	0800 – 1000	Emotion-Driven Critical Incidents
	1000 – 1200	Practical Tabletop Planning Exercises
	1200 – 1300	Lunch
	1300 – 1400	Practical Tabletop Planning Exercises
	1400 – 1700	Review and Examination
<b>Total Time</b>	<b>72 hours (approx.)</b>	

\*Schedule designed to also include the following:

- Lunch Break (1 hour) and Regular Breaks (2 – fifteen (15) minute breaks)