

CUST-1003

Field Level Troubleshooting

Alerton Factory-Certified Instructors

- Brian Greenlee -
Syserco QC Lead
- Bernie Martinez -
SPBLC Training Director

Class Format

1-Day Class

Time

7:30 AM – 4:00 PM

Location

Syserco Practice Based
Learning Center
215 Fourier Avenue, 1st Flr.
Fremont, CA 94539

Pricing

Contact the Syserco
Customer Service Center
for current pricing
877-360-3637

Discount Available

10% discount for all current
Service Agreement
customers – contact your
direct Syserco Service Sales
Account Exec for further
details

2021 Class Schedule

May 13 / May 27

June 17 / July 1

July 15 / July 29

Aug 12

Sept 16 / Sept 30

NOTE: Max 4 students per class

Oct 7 / Oct 14

Nov 4 / Nov 11

Nov 18

NOTE: Max 10 students per class

Rev 3/23/2021



Course Description: When building equipment under BAS control is not working properly, how do you determine if it truly is a BAS controls problem, a mechanical malfunction or some type of electrical issue?

Understanding how to properly use a digital multimeter and knowing how to check a BAS Field Controller for correct power, communications and I/O operations is essential to successfully resolving the problem.

Following this course, participants will be able to:

- Properly and safely use a digital multimeter as a diagnostic tool.
- Distinguish various reference signals supported by Alerton BAS controllers.
- Understand what power supply and grounding requirements are necessary for Alerton BAS controllers to fully function.
- Test & Analyze all Input and Output signals common to Alerton BAS controllers, including 24VAC BO's, 0-10VDC AO's, 4-20mA AI's & AO's, Resistance AI's and Continuity BI's.
- Identify key components of proper BACnet MS/TP communication wiring installations.
- Replace a failed Alerton BAS controller.

Target Audience: Facilities Operators and Site Technicians who are responsible for the day to day operations of buildings equipped with any version of the Alerton BACnet BAS operating software and hardware will greatly benefit from this course.

Prerequisite: Class participants must have a working knowledge and familiarity with Alerton BACnet software. Should any potential class participant not meet this requirement, Syserco offers a separate Alerton Compass Operator's training class (CUST-1002) which will equip students to fully benefit from the content of our CUST-1003 Field Level Troubleshooting course.

The Syserco Practice Based Learning Center
– a Hands-On Learning Environment –



Small class sizes to enhance your learning experience.

CUST-1003

Field Level Troubleshooting

Need Assistance with Enrollment?

Contact the Syserco
Customer Service Center
for support – ask for
Karen Friesen.

Service Dept Hours:
7 AM to 4 PM
Mon – Fri

Phone:
877 360-3637

Email:
Service@syserco.com

ENROLL EARLY!!!
Space is limited and
enrollment is on a first
come, first served basis.

Email inquiries to:
k.friesen@syserco.com

Enrollment Form

- Submit one enrollment form for each attendee to be enrolled. **Email completed form(s) to service@syserco.com.**
- Registration fees must be submitted at time of enrollment.
- Attendees will be required to adhere to Syserco's Health & Wellness Policy during all classes, which includes 1) proof of negative Covid-19 testing status before being admitted into the SPBLC Training Classroom facility, and 2) abiding by guidelines for preventing the potential spread of Covid-19 as deemed necessary by Syserco.
- A confirmation notice will be sent to the attendee and sponsor upon acceptance into the course.
- Attendee is not officially enrolled in any course until a confirmation notice is received from the Syserco Customer Service Center.
- Cancellations will be accepted by EMAIL ONLY, up to 30 days prior to the course start date. Registration fees will be refunded less a \$150 cancellation fee.
- Cancellations made within 30 days of the course start date will void a refund.
- Syserco reserves the right to cancel and re-schedule training classes up to two weeks in advance of any class in the event sufficient registration is not received.

1st Choice Requested Training Date: _____ (See schedule – previous page)

2nd Choice Requested Training Date: _____ (See schedule – previous page)

3rd Choice Requested Training Date: _____ (See schedule – previous page)

Attendee Information

Attendee Name:	
Company:	
Address:	
Phone#:	
Email:	
SIGNATURE	
Dietary Restrictions?	

Payment Information (must be completed for confirmation in course)

Purchase Order #				
Syserco SA #				
Authorizing Agent:				
Credit Card#				
Card Type:	Visa / MC (no Am Exp)	Exp. Date ____/____	CVV _____	Zip Code: _____
Authorized User:			Email: _____	Phone# (____) _____ - _____
Signature & Date:				