Part 2: Rethinking College Placement with EdReady: Q/A with Ivy Tech and Chattanooga State

a conversation w/

JUDY LOWE
Chattanooga State

GWENN ELDRIDGE
JESSICA HUFFMAN
Ivy Tech
Community College

Thanks for joining us! We will begin promptly at 2:00 p.m. ET.

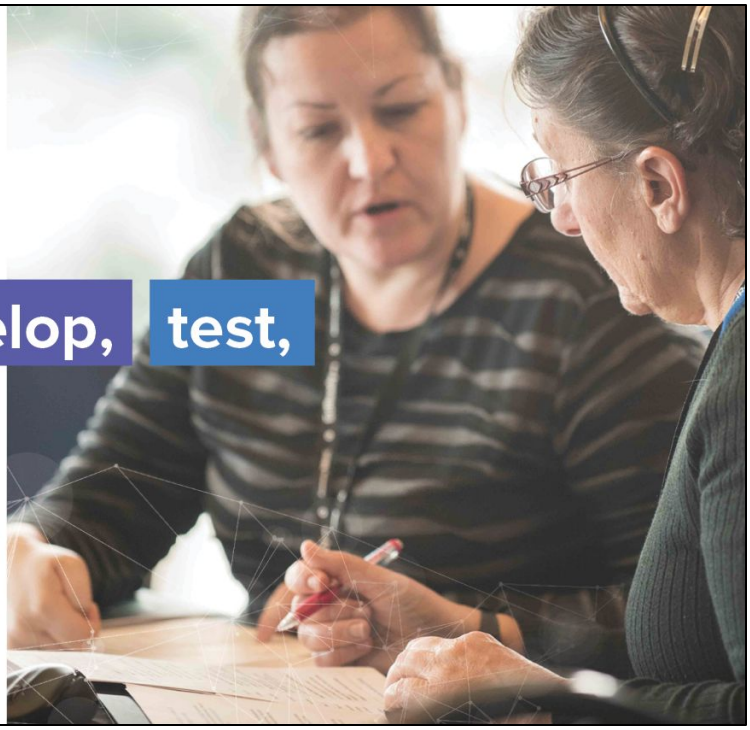
- Use the "questions" area to submit questions as they arise.
- This webinar will be archived at NROCnetwork.org.
  and you will receive a follow-up email with a link to the recording and slides.
- Do you need help with GoToWebinar? Email memberservices@NROC.org.

THE NROC PROJECT

NROC collaborates with educators to

imagine, develop, test, & refine

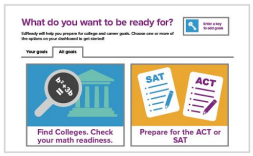
technologies that improve student success.



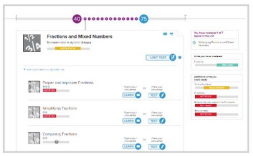
WEB-BASED TOOLS

Open and Designed for Institutional Customization

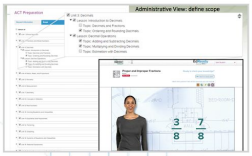
Goals



Knowledge Inventories



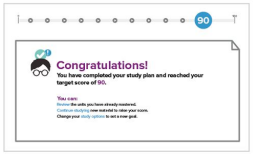
Resources



What do you want your students to be ready *for*?

Data Access

Readiness



COLLEGE

CAREER

EdReady

Powered by NROC

Chattanooga State EdReady Placement Pilot

Past pilots, role in COVID response

Implementation

- 2014 – Used for Compass preparation/remediation
- December 2016 – COMPASS – RIP
- Dec 2016 – Begin as placement tool

- EdReady as remediation/preparation for entry students
- Completions were recorded in Banner, enabling students to take college level Math and English
- Advantages of Low Stakes Placement
  - Reduced Stress for Students
  - Push Placement to High Schools
    - Seniors in Spring Semester for Fall Enrollment at College
    - Juniors and Seniors to assist with Dual Enrollment
  - Improved Success to College Ready Placement
  - Improved Success in College Courses
  - Reduced Costs for Tuition
  - Increased Retention

Ivy Tech Knowledge Assessment

Implementation

- 2014: Began using EdReady as ACCUPLACER remediation
- Fall 2018, pilots using EdReady as placement
- March 2020, scaled use of EdReady for placement statewide
- Branded as Knowledge Assessment

Scaling Holistic Placement…

- EdReady as remediation was branded as Ivy Prep
- Prepared students for their coursework
- Tool was customized to align with our math and English courses
- Completions were recorded in Banner, enabling students to take the course that they prepped for
- Scaled to campuses over time (18 campuses)
- In fall 2018, placement pilots began at three campuses
- Part of Ivy Tech's holistic placement process
- By May 2019, 20,000 active student accounts
- Edready placement fully scaled at all 18 campuses and for dual credit in March 2020

Let's talk about HOW

Remember to share your questions in the chat.

Ivy Tech
Our process came about in an effort to only assess when a student needed to and not assess for the sake of assessment.

Approval for a Low-stakes Approach

Ivy Tech

- Support came from leadership and assessment team
- College moved to multiple measures/factors, including HS GPA, SAT, student choice, EdReady option
- Faculty involved in creating and vetting content in reading/writing and math goals
- Cross-cultural implementation teams have helped to break down silos

How

- 2014 – Used for Compass preparation/remediation
- December 2016 – COMPASS – RIP
- Dec 2016 – Begin as placement tool
- Customized EdReady English and Math Goals
- Multiple EdReady Diagnostics

- EdReady as remediation/preparation for entry students
- Completions were recorded in Banner, enabling students to take college level Math and English
- TBR had no solution for low ACT students after death of Compass
- NROC requested to move up completion of EdReady English for Dec 1, 2016
- Customization determined by collaboration between Academic Affairs – AVP & Testing Center & Student Services - Learning Support & Placement
- Late October, TBR suggested colleges do what they want to replace Compass. AVP of Student Services submitted EdReady solution

Setting Up EdReady: Building the Scopes

Ivy Tech

- Aligned content in the scopes with math pathways and Comp 1 course objectives.
- Allows students to demonstrate their knowledge/mastery in the pre-req.
- Knowledge that aligned with the program level course they are to take for their degree. i.e. a student taking quantitative reasoning, then they do not need factoring to be successful, but a student going for college algebra would need factoring, graphing, functions to be successful.
- One English goal and one math goal
- Cut score added (diagnostic)
- English: reading and writing
- Math: 3 goal keys (tech math, QR, 13X)
- Watching data to determine if we need to increase content in diagnostic and study paths for math.

EdReady MATH Placement Format

Test 1

Unit 1 – Whole Numbers
Unit 2 – Fractions & Mixed Numbers
Unit 3 – Decimals
Unit 4 – Ratios, Rates & Proportions
Unit 5 – Percents
Unit 6 – Measurement

Completion with target score of 72 allows entry to
Co-Requisite MATH + College Level

Test 2

Unit 7 – Geometry
Unit 8 – Concepts in Statistics
Unit 9 – Real Numbers
Unit 10 – Solving Equations & Inequalities
Unit 11 – Exponents & Polynomials
Unit 12 – Factoring
Unit 13 – Graphing
Unit 14 – Systems of Equations & Inequalities
Unit 15 – Rational Expressions
Unit 16 – Radical Expressions & Quadratic Equations

Completion of T1 and T2 with target scores of 72 allows entry to
College Level MATH

Test 3

Unit 17 – Functions
Unit 18 – Exponential & Logarithmic Functions
Unit 19 – Trigonometry

Completion of T1, T2 and T3 with target scores of 72 allows entry to
Math 1130 & Math 1710 – above college level

1. Three Diagnostics allows
    1. Distinguish between requirements for
        1. Co-Requisite
        2. College Level
        3. Higher Level MATH
2. Allows students to realize early success
3. Ensure greater understanding through smaller unit groups

EdReady English Placement Format

Test 1

Completion of T1 with target score of 75 allows entry to Co-Requisite ENGLISH + College Level

- **Unit 1** – Intro to College Reading & Writing
- **Unit 2** – Identifying Main Ideas
- **Unit 3** – Discovering Implied Meaning
- **Unit 4** – Interpreting Bias
- **Unit 5** – Analysis through Definition
- **Unit 6** – Learning Across Disciplines

Test 2

Completion of T1 and T2 with target scores of 75 allows entry to College Level ENGLISH

- **Unit 7** – Exploring Comparative Elements
- **Unit 8** – Informed opinions through Causal Chains
- **Unit 9** – Applied Critical Analysis
- **Unit 10** – Using Sources in Critical Reading & Writing

1. Two Diagnostics allows
    1. Distinguish between requirements for
        1. Co-Requisite
        2. College Level
2. Allows students to realize early success
3. Ensure greater understanding through smaller unit groups

Ivy Tech Knowledge Assessment Alignment

- Aligned content in the scopes with math pathways and Comp 1 course objectives.
  - English: reading and writing
  - Math: 3 goal keys (tech math, QR, STEM)
    - Each goal for math is aligned with competencies needed for success in desired path.
    - For instance, a student taking quantitative reasoning would need ratios, proportions, basic statistics, order of operations. A student going for college algebra would need factoring, graphing, functions, etc.
- Allows students to demonstrate their knowledge/mastery in the pre-req.
- Cut score added based off of the initial diagnostic
- Watching data to determine if we need to increase content in diagnostic and study paths for math.

Staff Training

Ivy Tech

- Communication key
- Created support docs on process
- Canvas org, google folder, Teams group
- Implementation teams at each campus (cross-functional)
- Calls several times each week to start (training, questions, sharing docs)
- Chats every day on Teams as needed
- Each campus has a campus lead and K14 lead
- Supplying weekly reports for monitoring and follow-up

Preparing Staff & Students

- **Staff**
  - Learning Support / Placement / Testing Center
- **Students**
  - Explained by Learning Support & Testing Center Staff

- Directors of Learning Support and Testing Centers prepared training materials for
  - When students need to use EdReady
  - What the score levels are for Math and English
  - How to explain EdReady is not High Stakes Test
  - Why to give students Placement document

- Students
  - Difference between High Stakes and Low Stakes
  - What EdReady does for the students
  - How EdReady works and what the completion score means
  - Why they need to begin in the Testing Center
  - Where they can get help while progressing through EdReady
  - What to do when the complete EdReady

Rolling Out to Learners

Ivy Tech

- Emphasis on low-stakes assessment
- Vision was for it to be offered in learning centers instead of testing centers
- COVID moved that vision forward faster than expected
- Communication via documents (student FAQ and how-to docs)
- Knowledge Assessment info on college website
- K14 team trained high school contacts (counselors and teachers)
- Positive response from HS partners

Engaging Learners on the Study Path

Ivy Tech

- Students are referred to Knowledge Assessment if they don't have other measures of placement (HS GPA, SAT, ACCU, self-place)
- Weekly data reports are used for follow-up with students.
- Campus leads keep spreadsheets that are used to track progress/follow-up
- Starfish used to share information between KA leads and advisors

Working with the Data

Ivy Tech

- NROC assistance with supplying weekly reports
- We add pivot tables to enable us to show summary data and to be able to sort by campus
- Use for follow-up with students

Tracking Efficacy

Ivy Tech

- Early pilot data show higher success rates in students placing with EdReady into the English co-req courses.
- Students taking the English co-req succeeded in the co-req course at a higher rate than those who placed by other methods.
- Some students who placed into higher math courses had lower success rates than students who placed by other measures. We are planning to adjust the math goals to provide more content in the study path. Also looking at the diagnostic content.

General Results - MATH

- **MATH EdReady Students**
  - Equal to or Exceeded all non-ACT placement
  - Exceeded ACT placement in
    - College MATH 1030
    - Advanced MATH 1710
  - Average ACT scores ranged from 26%-44% points lower than ACT placed students
  - Exceeded both Repeat and Previous MATH students
  - Minority Groups
    - Males - **67%** Pass Rate – Higher than all other non-ACT Placement
    - Females – **60%** Pass Rate – Higher than non-minority females

General Results - ENGLISH

- **ENGLISH EdReady Students**
  - Exceeded all non-ACT placement
  - Average ACT scores ranged from 26%-44% points lower than ACT placed students
  - Minority Groups
    - Males - **83%** Pass Rate – Higher pass rate than all other Placement
    - Females - **78%** Pass Rate - Higher than non-minority females

Considerations for Implementation

- How you will code EdReady placement completions?
- Integration with Banner (your EPR system) essential
- How will you track data?
- Think about comparing success rates for students who placed with diagnostic score compared to those who worked in the study path.
- Compare students who placed with EdReady to those who placed with other methods
- How might qualitative data from students inform your plan?

THE NROC PROJECT

MEMBERSHIP WORKS BEST WHEN PARTNERS:

Commit

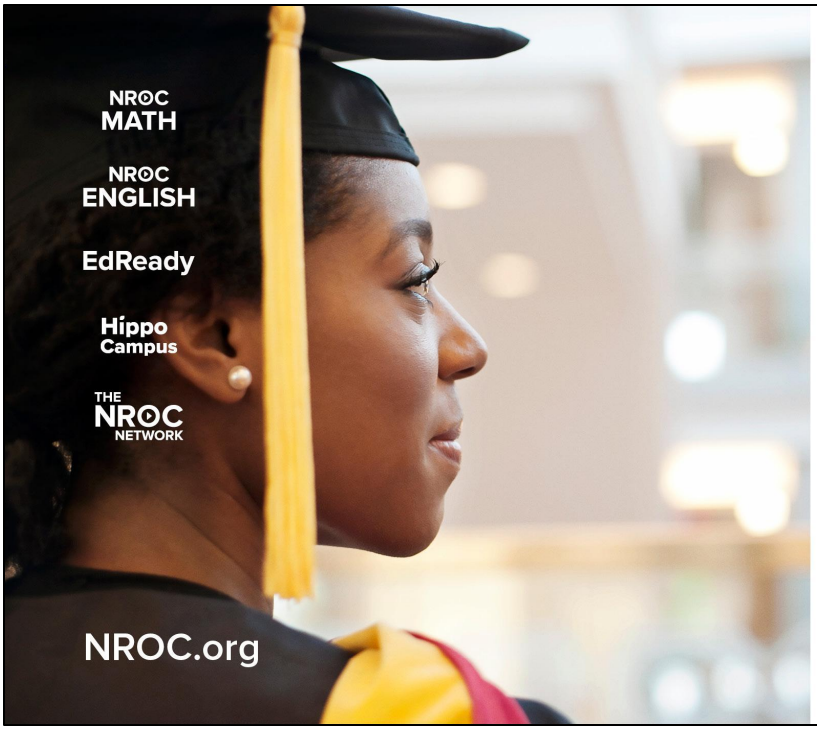
significant time and staffing to becoming facile with NROC courses and tools

Adapt

NROC's suite of solutions to meet their students' specific needs

Contribute

efficacy stories and original supplemental resources to the broader membership



Special thanks to our presenters:

Judy Lowe
judy.lowe@chattanoogastate.edu

Gwenn Eldredge
geldridge6@ivytech.edu

Jessica Huffman
jmcguire9@ivytech.edu

Thank you for joining us!

You will receive a link to the recording and presentation assets, also available at NROC.org.

Read more about placement options at this link.