Placement Alternatives to Improve Readiness, Retention and Completion

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Changing the Way College and Career Readiness is Approached and Supported
NROC collaborates with educators to imagine, develop, test, & refine technologies that improve student success.
WHAT WE OFFER

**NROC COURSES**
- **NROC MATH**
  - Algebra 1
  - Developmental Math
- **NROC ENGLISH**
  - Developmental English

**WEB-BASED TOOLS**
- **EdReady**
  - a readiness system (to personalize a learner’s study path)
- **Hippo Campus**
  - a curated repository of learning objects

NROC courses can be installed in a Learning Management System (LMS)...
or can be accessed through our web-based tools.
EdReady

EdReady is a math and English readiness system that employs a knowledge inventory to personalize a learner’s path to subject mastery within the context of a specific educational goal.
USE CASES:
- Test preparation
- Credit recovery or acceleration
- College bridge program
- Co-requisite or supplemental
- Multiple measures

DELIVERY METHODS:
- Traditional classroom
- Independent study
- Flipped classroom
- Online course
- Academic boot camp
Low-Stakes Alternative to Traditional High-Stakes College Placement Tests

**WHO:** Entering college freshmen.

**WHY:** JSU wanted better student outcomes (half of the first-year students were failing college algebra) and more cost-effective ways to improve college-math readiness. EdReady offered students a low-stakes assessment to gauge their math readiness skills and accelerate remediation during the summer to avoid traditional remediation courses.

**HOW:** Students worked independently to assess and improve their college-math readiness in the months before school began.
Students placed in college math courses using their EdReady diagnostic score were significantly more likely to pass the course versus students placed by traditional, high-stakes placement tests (85.8% vs. 80.2%). This difference was most pronounced for STEM students.

EdReady placement also led to a significant reduction in STEM student withdrawal and incomplete versus traditional placement (6.2% vs 10.9%)
How do we get this solution to everyone who needs it?
WHAT WE WERE SEEKING IN A PARTNER

• Alignment of missions

• Commitment to student success

• Reach

• Reputation
ACT CollegeReady™

Make Your Students Unstoppable
Think Different
## The problem of college readiness

<table>
<thead>
<tr>
<th>2-Year Institutions</th>
<th>4-Year Institutions</th>
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<tbody>
<tr>
<td>More than 50% placed in remedial classes</td>
<td>Nearly 20% placed in remedial classes</td>
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*Of the students requiring remedial classes…*

| Fewer than 1 in 10 Graduate within 3 years | Little more than 1 in 3 Graduate in 6 years |

We can do better
Think Different

Traditional Placement

- Cut scores – pass/fail
- One-time assessment
- Focus on placement
- High stakes placement exams
- Another gate for students

ACT CollegeReady

- Target scores with a way to improve
- Unlimited use to improve
- Focus on readiness, and completion
- Low-stakes inventory plus study path
- A way to bridge gaps without delay & expense
Overview of CollegeReady

Why we're excited!
Student & Admin Experience
What do you want to be ready for?

ACT CollegeReady™ will help you prepare for college and career goals. Institution can add one sentence here if desired for further context.
Student experience

Student begins the math assessment.
Student experience

Viewing the math introduction.
A ballpark sells bags of popcorn for $1 each and bags of peanuts for $2 each. Hector will eat at least 5 bags of popcorn and y bags of peanuts. He wants to buy at least 8 bags to feed his group of friends. He has at most $14 to spend. This problem can be modeled by a system of inequalities. Which graph shows the answer in purple?
Student experience
Student completes the math assessment.

You have completed the initial diagnostic.
Student experience

Viewing the results of the initial assessment.
Student experience

Upon completion of the assessment, students are presented with their study path.
Student experience

Student selects “LEARN” to study the topic: Adding Whole Numbers and Applications
**Student experience**

At the Topic Home, students can see the steps on the path to subject mastery.
Student experience

Viewing the presentation for Addition.
Student experience

Viewing a worked example for Addition.
Student experience

Viewing the topic text for Adding Whole Numbers and Applications.
Student experience

Working a practice question in Adding Whole Numbers and Applications.
Student experience

Student beginning a test to check their knowledge.
Student experience

Student receives a prompt before starting the test.
Student experience

Test item example

ACT

Topic: Adding Whole Numbers and Applications

Gemma had $2,036 in her checking account. She wrote a check for $526 to pay the rent on her apartment. After the landlord cashed the check, how much money did Gemma have left in her checking account?

- $1,504
- $2,556
- $2,514
- $1,514
Student experience

Student receives feedback upon completion of the topic test.

Good Job!

Based on your answers here you have mastered this topic!
Student experience

Topic added to list of topics mastered.
Student experience

Student making progress along the math learning path.
Congratulations!

You have completed this study path and reached your target score of 90.

You can:
- Review the units you have already mastered.
- Continue studying new material to raise your score.
Administrator Experience
Admin experience

Administrator Overview screen – Performance Reporting
Admin experience

Administrator Student Data Summary screen: viewing students’ performance and progress.
Admin experience

Administrator Student Data Unit Detail screen: viewing students’ performance by unit.
Admin experience

Administrator Student Data Topic Detail screen: viewing students’ performance by topic.
How can you reduce barriers to readiness, retention, and completion?

Increase the focus on student success.
Questions?
ACT CollegeReady availability

• ACT CollegeReady is available for pre-order now at www.act.org/collegeready

• Pre-orders will be fulfilled, and CollegeReady will be available for sale, in early April 2018

• A pilot program with 6 institutions, including 2- and 4-year colleges and high schools, is currently underway
Thank you for joining us!

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Learn more about CollegeReady at ACT.org.