

## EDREADY IN FOUR-YEAR COLLEGES



### AN OVERVIEW

Nearly half of recent high-school graduates are considered not ready for college math. These students are often placed on a different track, spending time and money taking classes that don't earn credit. Of those who start college unprepared, only 20% will successfully graduate with a degree.

EdReady helps students avoid the time and cost of remedial courses. EdReady assesses students' readiness for college math, provides study options, and creates a personalized study path to fill in knowledge gaps. Nationwide, colleges are using EdReady to help students facing math remediation both before and after they arrive on campus.



## EdReady as a Tool for Summer Pre-Enrollment Prep



### THE UNIVERSITY OF MONTANA

The University of Montana (UMT) offers math skill-building support to incoming students

who underperform in the school's placement exam (ALEKS). They invite these students to use EdReady as an independent study tool during the summer before arriving on campus. 87.5% of the students who reached the EdReady target score went on to increase their ALEKS scores enough to skip one, two, and even three remedial courses. Those 35 students (plus two other users who didn't reach the EdReady target but still increased their ALEKS scores) skipped a total of 49 developmental math courses and saved approximately \$31,000 in tuition and fees. In addition, after their first math courses at UMT, the EdReady students averaged higher final course grades than the incoming freshmen who had not used EdReady.

***37 of the EdReady summer pilot students enrolled in a math course for the Fall 2014 term. Of those, 91% successfully completed their math course, with an average grade of B-, exceeding the UMT freshman overall average math grade of C+.***

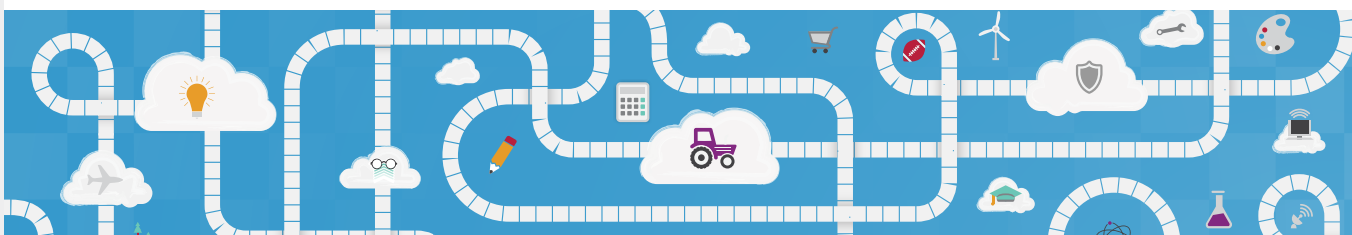
*"Refreshed what I needed to, didn't waste my time, and I got into Math 121"*

—University of Montana Student

## EdReady as a Math College Placement Tool

### JACKSONVILLE STATE UNIVERSITY, ALABAMA

Jacksonville State University is using EdReady with incoming freshmen to diagnose gaps and develop mastery of prerequisite math concepts required for success in three targeted college-level math courses: Exploring Mathematics, Finite Mathematics, and Precalculus College Algebra. This new approach is expected to be much more efficient than the old approach of test-and-remediate. Students take an EdReady assessment upon acceptance at JSU, then work through their individualized study paths to avoid developmental math courses. Early data is promising for this approach as an alternative to traditional placement exams (usually SAT or ACT math scores). In Fall 2015, 90% of students placed using EdReady passed their first college credit math course, compared to 81% of students placed using traditional methods (norm-referenced tests). The biggest difference occurred in Precalculus Algebra: 91% of students placed using EdReady passed compared to 71% of students placed using traditional methods.





## EdReady as Core Curricula for Developmental Students

### JACKSONVILLE STATE UNIVERSITY, ALABAMA

At Jacksonville State University (JSU) in Alabama, 63% of incoming freshmen require remediation for basic or intermediate algebra. In addition to using EdReady as a placement tool, JSU has incorporated EdReady into a course redesign to replace two semesters of developmental studies (Basic Algebra and Intermediate Algebra) with an accelerated, one-semester flipped classroom course, with lectures delivered through EdReady outside regular classroom hours. This helps free up classroom time--8 hours per week--for fluency-building and practice, either independently or guided by the instructor.

Accelerating the time frame for remediation allows students to move into credit-bearing courses more quickly. In addition, it helps them save their tuition money for credit-bearing courses. During the first six weeks of the semester, students tackle basic algebra content. To measure student growth, JSU staff created custom pre- and post-assessments using a representative sample of questions covering basic algebra skills. The students increased, on average, from 34% (weighted average for the two semesters) correct answers on the pre-assessment to 75% (weighted average for the two semesters, n=31) correct answers on the post-assessment administered six weeks later.

During the second six weeks of the semester, the course covers intermediate algebra content. JSU did not use a parallel pre- and post-course assessment for the intermediate algebra content as they had for basic algebra. However, before the course redesign using EdReady, the historical average pass rate for JSU's

Intermediate Algebra course ranged from 44-48%. After using EdReady, the pass rate jumped to 79% of students who completed the course. "We are very happy with that improvement," notes JSU instructor Scott Beckett.

In addition, 83.3% of students who completed the follow-up credit-bearing math course passed on their first attempt. JSU's long-term goal is to collaborate with local feeder high schools to get them using EdReady so the students are prepared for college-level math before they arrive on campus.

## EdReady in Student Support Services

### TRIDENT UNIVERSITY INTERNATIONAL, CALIFORNIA

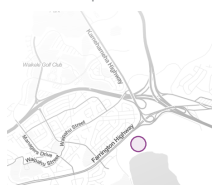
Trident University International is a fully online, regionally accredited university. Their students use EdReady in their Student Success course, required for all incoming students. Students at Trident do not have to take placement exams for math and often have difficulty once they are enrolled in a college-level math course. Those students now access EdReady for basic skills remediation and review of six core units of math: whole numbers, decimals, fractions, percents, ratios, and real numbers. Students use EdReady during the Student Success course, but can also access it as a supplemental resource at any time. The 421 students who took the EdReady initial diagnostic and went on to follow their study paths increased their EdReady scores by an average of more than 27 points (on a 100-point scale\*); the median EdReady score for those students moved from 56\* on the initial diagnostic to a median EdReady score of 85\* in the most recent data (usage is ongoing).

## EdReady as a High School Outreach Tool

### UNIVERSITY OF HAWAII ONLINE LEARNING ACADEMY

The University of Hawaii's Online Learning Academy works with their local Waipahu High School Early College program to offer EdReady as an independent study option. Targeting students with low Compass scores, they sought to increase the number of Waipahu students who scored well enough on the Compass exam to qualify for enrollment in college-level, dual-credit math courses.

Using EdReady for either three weeks of independent summer study or nine weeks of independent study during a regular semester, 66% of the students earned Compass exam scores that placed them into college-level math. This is a significant increase in the number of students who placed into college-level math over the previous year, without EdReady, when only 45% of students placed into college-level math.



*\*If a student scores 100 points, he or she has achieved 100% mastery of all of the content in the curriculum for his or her class.*

***“Systemic adoption and implementation of EdReady has been a smart approach to addressing remedial issues, as well as an effective tool for ACT, SAT, and college placement exam prep.”***

— Mark Silliman, Waipahu High School Early College Program Director