

# EdReady as an Alternate Placement Tool

There is a system-wide effort to explore and test the use of EdReady (NROC) as a placement tool; we currently have Accuplacer for the next 2 years. EdReady has been used on our campus as a placement prep tool (Summer 2015 only) and as a supplement to various courses (Math 75X, Accounting). A decision (not sure who) will be made as we approach the end of the Accuplacer contract whether to continue or fully switch to EdReady. Currently, Accuplacer is free to students for first time testing, \$25 for retesting. EdReady charges \$1 per student.

## What is EdReady?

EdReady is a personalized learning system for students which helps to identify gaps in their readiness and provides resources they need to achieve competency expectations. Students take a diagnostic test to test their current mastery of topics and are then led to various learning modes (lecture, presentation, worked example with specific resources from Khan Academy) to fill in learning gaps and remaster topics. [UH Manoa offers EdReady to students](#). Davilla Gose, Director of OLA and EdReady, can help tailor EdReady to faculty’s needs. For further details on topics, please click on [Developmental Math Fact Sheet](#) and [COMPASS Assessment Units, Topics, Learning Objectives for CC](#).

	Sessions Involving Placement	Potential Use for Kapiolani Community College
Jacksonville State University (2014-present)	<p>EdReady was used as a low stakes placement tool. Please read through the <a href="#">implementation and results</a> for brief details(2 pages).</p> <p>Students had a one-stop sign in (like UH Portal) where EdReady is also available as a link and they can directly work on their study plan.</p> <p><a href="#">EdReady Assessment Structure</a></p> <p>Potential issue(s): Students were unproctored and were able to work on EdReady on their own. This would be a hard sell for some math faculty. However, students were told they would “crash and burn” if they’re not being honest about their math abilities.</p>	<p>As a low stakes placement tool, we can take students from where they are mathematically comfortable and refresh topics that need to be remastered in order to better prepare them for success in their math course.</p> <p>We need the one-stop sign in. (Espana)</p> <p>It was interesting to note that EdReady non-STEM group did not perform as well as traditional non-STEM. This could be because the EdReady placement and study plan covered a comprehensive number of topics. Chattanooga SU’s 3 tiered model may be more effective. (Espana)</p>
Chattanooga State University	<p>Goal:</p> <ul style="list-style-type: none"><li>EdReady was used to better assist students who have taken a</li></ul>	<p>The idea of a 3 tiered testing system may be more ideal than a single comprehensive exam testing a variety of math topics in one sitting.</p>

<p><b>December 2016</b></p>	<p>placement exam (ACT, COMPASS, Accuplacer, etc) and placed below college level and/or corequisite classes.</p> <p><b>Plan:</b></p> <ul style="list-style-type: none"><li>• Provide EdReady Math and English to allow the students to improve their placement without taking another “high stakes” exam.</li><li>• Continue to track data from Dec/Feb pilot for English and Math</li></ul> <p><b>Implementation:</b></p> <p><b>Math Test 1:</b> Prealgebra topics (Units 1-6). Students who score &gt; 72 or higher can move on to Test 2 (for the opportunity to place higher) or take the corequisite math course. If score &lt; 72, students can master the gaps in their math readiness through the EdReady study plan, then take the corequisite course. If scores don’t reach 72 by the time they register for a math course, they take a developmental math course.</p> <p><b>Math Test 2:</b> Algebra topics (Units 7-16) Students who have a score &gt; 72 can register for a college level math course or move on to Math Test 3.</p> <p><b>Math Test 3:</b> Pre-Calculus Math (Units 17-19) Students who have a score &gt; 72 can register for the pre-calculus course. Results: 2 months into their Math and Reading courses, <i>students who took the EdReady placement exam had a higher percentage of A’s in the course compared to those who did not take the EdReady placement tool (56% vs 23%).</i></p> <p><a href="#">EdReady Assessment Structure</a> - 3 tier model</p> <p>Potential Issue(s): Students were unproctored and were able to work on EdReady on their own. This would be a hard sell for some math faculty.</p>	<p>(Esteban)</p> <p>Math Test 1 is on the shorter side and students tend to finish this test and study plan much quicker. Math Test 2 can be split into non-STEM and STEM tests since each pathway has different topics. We could use this system instead of Jacksonville SU’s single EdReady placement. Math Test 3 may or may not be useful for our campus, but can be available, if needed.</p> <p>What resources would we need to help support this on our campus? Math Lab? Would the upstairs library space be ready and available as an additional resource for EdReady Study Plan? Would the testing center allow for proctored EdReady placement tests? Is the unproctored version preferred? (Esteban)</p>
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Reference of EdReady topics	<b>Unit 1: Whole Numbers</b> <b>Unit 2: Fractions &amp; Mixed Numbers</b> <b>Unit 3: Decimals</b> <b>Unit 4: Ratios, Rates, Proportions</b> <b>Unit 5: Percents</b> <b>Unit 6: Measurement</b> <b>Unit 7: Geometry</b> <b>Unit 8: Concepts in Statistics</b> <b>Unit 9: Real Numbers</b> <b>Unit 10: Solving Equations and Inequalities</b> <b>Unit 11: Exponents &amp; Polynomials</b> <b>Unit 12: Factoring</b> <b>Unit 13: Graphing</b> <b>Unit 14: Systems of Equations &amp; Inequalities</b> <b>Unit 15: Rational Expressions</b> <b>Unit 16: Radical Expressions and Quadratic Expressions</b> <b>Unit 17: Introduction to Functions</b> <b>Unit 18: Exponential &amp; Logarithmic Functions</b> <b>Unit 19: Trigonometry</b>	We have the freedom to choose which unit and which competencies will be tested for our students in the system-wide meeting.
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Timeline	Discussion/Decision	Impact
Saturday, March 4 Hawaii Student Success Initiative	<ul style="list-style-type: none"> <li>Shared <a href="#">Kapiolani's Summer Math Boot Camp Results</a> to give other campuses an idea of what EdReady was about and how it was used</li> <li>EdReady will be implemented as an alternate placement tool systemwide.</li> <li>Volunteers were asked to pilot in Spring 2018 <ul style="list-style-type: none"> <li>Yes - Kauai, Maui, Kapiolani</li> </ul> </li> <li>EdReady has been and may continue to serve as a math boot camp tool</li> </ul>	<ul style="list-style-type: none"> <li>Math 82 as open enrollment - Kapiolani is using EdReady as an OER to prepare students for the STEM pathway. Students are allowed to complete the Math 82 EdReady Prep before starting the self-paced Math 82 curriculum. Maui is interested in doing the same.</li> <li>Hae Okimoto and her staff are analyzing KCCs 2015 Summer Math Boot Camp to see how students fared in their subsequent math course.</li> <li>Future Math Boot Camp may be covered under financial</li> </ul>

	<ul style="list-style-type: none"> <li>○ Honolulu CC &amp; Leeward CC offers EdReady as an option for students to work on their own</li> <li>● EdReady is being explored as an open educational resource (OER) for other campuses.</li> </ul>	aid (need to update)
<p>March 27-29 Monterrey, CA NROC EdReady Conference</p>	<ul style="list-style-type: none"> <li>● All campuses should offer the same placement test within the UH system since students take classes from more than one campus.</li> <li>● One stop sign-in is needed so students don't need to remember additional usernames, passwords, and/or login to the correct site.</li> <li>● Math faculty system-wide already provided feedback on math topics for Accuplacer placement (late 2016). These topics will be transferred to EdReady topics for placement for consistency.</li> <li>● Each campus will have autonomy on how to implement Edready, dependent on individual resources.</li> <li>● Volunteers for Spring 2018 <ul style="list-style-type: none"> <li>○ Yes - Kauai, Maui CC</li> <li>○ Maybe - Kapiolani (prefer to have feedback from other stakeholders on campus)</li> </ul> </li> </ul>	
<p>April 21 or 28 Meeting with Kapiolani CC stakeholders <i>Friday, April 28 10am-11am</i></p>		
<p>May 1 Meeting with system representatives</p>	<p>Jonathan McKee, VCAA of Maui College, will conduct a teleconference with all the EdReady representatives (2 math faculty preferred) from each campus.</p> <p>We will discuss the implementation of EdReady as a placement tool in Fall 2018.</p>	

Please share this document with various stakeholders at Kapiolani CC (Student Affairs, Admissions, Testing Center, FYE, Kuilei, Counselors (MKC,CAAC), Administrators, Math Faculty, and more if needed). Please insert another row if you'd like to add general questions. If you have specific questions from your group, please add them, and hopefully I can help answer these questions. I may ask Hae Okimoto, Jonathan McKee, or Davilla Gose for help in answering some of the more general questions.

Stakeholders	Thoughts/Concerns/ Issues/Questions	Answers to questions
	How will EdReady scores be added to student reports on STAR?	Hae Okimoto will be in charge of working with the NROC EdReady IT group to include EdReady scores across the system into Banner. Hopefully this will be the one-stop sign-in for students. This can probably be done less than a month, since the NROC folks have had experience creating and merging EdReady systems with various college's Learning Management Systems (LMS).
	We already use multiple placement measures for incoming students. Why should we offer EdReady?	One issue is unreliability of the self-reported grades and test scores. There has been no conclusive data yet from our campus that this is successful, despite data from other smaller campuses that multiple placement measures is successful. There has been a feeling that this data set is unreliable based on student's memory and the lack of smooth transition (more like prevention due to privacy) of high school data from DOE to the UH system. Note: more than 90% of our local high school students attend a UH institute after graduation. With EdReady, students can take a diagnostic test and have the opportunity to work on concepts previously forgotten. They have the chance to improve their scores and boost up their confidence, which then relates to potentially higher efficacy in their next math course. We need to track students to see if EdReady contributes to success.
	Can we check out and test out EdReady?	4/11/17 Yes. Just received news from John McKee & Davilla Gose. Please click on <a href="#">Instructions for individuals who want to "test" out EdReady</a> from a student's perspective - using COMPASS Prep.
<b>Student Affairs</b> Veronica Ogata		
<b>Admissions</b> Merissa Brechtel, Chad Yasuda,		

Jennifer Bradley		
<b>Testing Center</b> David Cabatu, Blake Sakata		
<b>First Year Experience</b> LaVache Scanland, Robert Yamashita, Colette Andrade-Fujii, Cory Ando		
<b>Kuilei (high school outreach)</b> Sheldon Tawata, Drake Zintgraff		
<b>Kapo`oloku (Native Hawaiian success)</b> Michaelyn Nakoa, Hannah Aldridge	Content to look at the tables. Will get update from FYE.	
<b>Maida Kamber Center, CAAC</b> CAAC community		
<b>Student Congress</b>		
<b>Math Faculty</b> 17 (including lecturers)		
<b>Library &amp; Tutoring</b> Sunyee Pai, Virginia Yoshida, Susan Weber		
<b>CELTT</b> Karl Naito,		
<b>Administration</b> Louise Pagotto, Brenda Ivelisse, Susan Kazama, Nawa'a Napoleon, Charles Matsuda, Joanne Whitaker		

