CSU Monterey Bay redesigned their four, general education (GE) math and statistics courses, and created one-credit supplemental (corequisite) courses addressing Executive Order 1110 requirements for:
Math 115: Finite Mathematics
Math 100: Quantitative Literacy
Math 130: Precalculus
Statistics 100: Introduction to Statistics

EdReady is a mandatory graded component of GE the supplemental courses (Math 10, 15, and 30, and STAT 10). With EdReady integrated as a key component in these one-unit courses, students have made extremely positive progress and have a better pass rate for each college-level GE Math/STAT course as to compared with the previous years’ pass rate.

DESIGN DETAILS

One-unit corequisite support courses were customized to directly align with and support GE B4 courses.

- **Class meetings:** Once a week, 1 hour, 50 minutes.
- **Class size:** 25 students per section.
- **Class support:** One instructor and Teaching Assistants for each section in facilitating EdReady.

All B4 courses were redesigned and restructured; incorporating new pedagogies (Reading Apprenticeship, Complex Instruction), and incorporating EdReady to better support the success of all students. The GE B4 course redesign included an interactive approach:

- A typical day in class will address specific topics. Students work on activities; individual and/or group quizzes are embedded in every class.
- All instructors use EdReady which is projected on two or three large screens in the classroom.
- Peer Tutors are present in classrooms/labs to provide immediate assistance to students who need help; each tutor is personally responsible for tracking the progress of 15-20 students.

POSITIVE RESULTS

- Redesigns in accordance to EO 1100/1110 resulted in higher pass % in the two largest GE B4 courses, MATH 130 and STAT 100.
- Faculty members collaborated more than ever!
CSU Monterey Bay: Using EdReady as a Unique Resource for GE Math/Statistics Corequisite Support

Freshman, Transfer & Continuing Students

<table>
<thead>
<tr>
<th>GE course</th>
<th>Freshman</th>
<th>Transfer</th>
<th>Continuing</th>
<th>Overall</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pass %</td>
<td>N (%)</td>
<td>Pass %</td>
<td>N (%)</td>
</tr>
<tr>
<td>MATH 100</td>
<td>97%</td>
<td>32 (46%)</td>
<td>75%</td>
<td>4 (6%)</td>
</tr>
<tr>
<td>MATH 115</td>
<td>79%</td>
<td>39 (37%)</td>
<td>68%</td>
<td>22 (21%)</td>
</tr>
<tr>
<td>MATH 130</td>
<td>81%</td>
<td>321 (74%)</td>
<td>100%</td>
<td>28 (6%)</td>
</tr>
<tr>
<td>STAT 100</td>
<td>85%</td>
<td>143 (51%)</td>
<td>88%</td>
<td>17 (6%)</td>
</tr>
<tr>
<td>Overall</td>
<td>83%</td>
<td>535 (60%)</td>
<td>86%</td>
<td>71 (8%)</td>
</tr>
</tbody>
</table>