

## FY2019-20 Concurrent Enrollment (CE) Math Placement Guidelines

Last Update: April 2018

**MATH III REQUIRED.** Students must complete Secondary Math I, II, and III to qualify to take any concurrent enrollment Math course. For Concurrent Enrollment Math, students may not opt out of Secondary Math III: the Utah System of Higher Education (USHE) adopted system-wide recommendations that students complete the three-course Secondary Math sequence to be ready for college level Math courses (see <http://higheredutah.org/high-school-math-critical-to-completion/>).

**“C” AVERAGE IN HIGH SCHOOL MATH COURSES.** Effective Fall 2016, students may qualify to enroll in CE Math courses by completing Secondary Math I, II, and III with an average grade of “C” or better in each class. For example, if a student earns four term grades of B, B, C-, and B in a Secondary Math course, the average is a B-. *Students who do not have a C or better grade in all three Secondary Math classes may be able to place into a CE Math class with an ACT Math or placement test score:*

| CE MATH        | FY2019-20  |
|----------------|--|
| MATH 1010*     | Students must complete Secondary Math I, II, and III with a “C” or better course grade in each class. Students who do not have a “C” average grade in all three courses may be allowed to enroll based on an ACT Math or placement test score**. |
| MATH 1030      |  |
| MATH/STAT 1040 |  |
| MATH 1050      | Students must have both the “C” average grades in Secondary Math I, II, and III <b>AND</b> meet the ACT Math or placement test score** required by the institution offering the course.  |

\*MATH 1010 does not fulfill the QL requirement. CE MATH 1010 is recommended only if the student cannot place directly into MATH 1050 after completing Secondary Math III.

\*\*Check the CE Master List or speak with your USHE institution CE director for the ACT Math and placement test scores needed for enrollment into CE Math courses.

**THREE MATH QUANTITATIVE LITERACY (QL) OPTIONS.** USHE encourages students to take the Math QL course that best fits what they hope to study in college. Below find a short list of representative subjects that generally align with the different QL courses. Check the CE Master List for QL courses offered by each institution. For additional guidance in selecting a Math QL, students should speak with an academic advisor at the institution they plan to attend after graduation.

| QL Course                                      | Description   | Appropriate for study in:   |
|--|---|---|
| MATH 1030<br>Intro to Quantitative Reasoning   | Covers a broad scope of mathematical topics as they apply to real-world problems. Topics include reasoning and number sense, using percents and estimations, math for finance matters such as loans and investments, probability and statistics, and modeling. <i>Intro to Quantitative Reasoning may be the last Math class students take in college.</i>  | <ul style="list-style-type: none"> <li>English / Languages</li> <li>Fine Arts</li> <li>Humanities</li> <li>Performing Arts</li> </ul> |
| MATH 1040/<br>STAT 1040<br>Intro to Statistics | Includes descriptive and inferential statistical methods. Topics include sampling design, descriptive statistics, linear regression and correlation, probability, sampling distributions, and hypothesis testing and confidence intervals. <i>Intro to Statistics may be the last Math class students take in college.</i>  | <ul style="list-style-type: none"> <li>History</li> <li>Nursing</li> <li>Psychology</li> <li>Social Sciences</li> </ul>               |
| MATH 1050<br>College Algebra                   | An in-depth exploration of algebra topics designed to ultimately prepare students for Calculus or further education courses. Topics include functions, including polynomial, rational, exponential, and logarithmic; systems of equations; matrices and determinants; partial fraction decomposition; conics; and sequences and series. <i>College Algebra is the first Math class students will likely take in a math-intensive college major.</i> | <ul style="list-style-type: none"> <li>Business</li> <li>Biological &amp; Physical Sciences</li> <li>Engineering</li> </ul>           |

**REGENTS’ SCHOLARSHIP AND MATH 1010.** Math 1010 does not count toward fulfilling the four math credits required for the Regents’ Scholarship. For more information regarding the scholarship requirements see the Regents’ Scholarship Program Guide ([www.regentsscholarship.org](http://www.regentsscholarship.org)).

Questions? Contact your local college CE Director, Cyd Grua (801-321-7152, [cgrua@ushe.edu](mailto:cgrua@ushe.edu)), or Joleigh Honey (801-538-7794, [joleigh.honey@schools.utah.gov](mailto:joleigh.honey@schools.utah.gov)).