

## *What to Expect from a Concurrent Enrollment Math Course*

Concurrent enrollment courses are classes students can take while they are in high school and earn college credit. They are a great way to get college requirements completed while in high school, at a fraction of the price.

### Concurrent enrollment math course are college courses:

- College math courses are rigorous and demanding. Plan to spend an average of 6 – 8 hours (or more) a week outside of class time studying and working on assignments for the course.
- The course will move quickly, and often cover multiple sections of a chapter each day. Tests will typically cover multiple chapters.
- Attendance is crucial in a college math course. Missing class on a regular basis will limit your ability to succeed in the course.
- Grades in CE math courses are permanent. They are recorded on your official college transcript.
- There are fees associated with the course (book rental and tuition). While tuition is required, it is a small fraction of the price you would pay if you took the class at SLCC. The fees and tuition are not refundable should a student drop the course.
- If you withdraw from the course after the drop deadline (before tuition is due) but before the withdrawal deadline (usually after the first term in the course), you will receive a “W” on your college transcript.
- In order to take a concurrent enrollment math course, you must have taken Secondary Math I, II and III (or the honors version of the course). Pre-calculus does not qualify you to take a CE math class.
- In order to take a concurrent enrollment math course, you must either have the necessary grades, ACT/CPT test score, or a combination of both.
- Even if you qualify for the course with your grades, do not ignore the minimum ACT test score that is listed for the course. This is an indication of how prepared a student should be in terms of their math background in order to be successful in the class.
- Do not expect a lot of time to work on homework during class. The lessons will be longer and cover more than a typical high school math class.
- You can expect to have daily homework, that could take several hours to complete.
- You can expect to have projects that require time outside of class in a concurrent enrollment math course.
- There are no test retakes in a concurrent enrollment math course.
- There is no extra credit in a concurrent enrollment math course

- There will be a comprehensive final in the course that will constitute 25% of your final grade. If you do not score the minimum on the test (currently 60%), the highest grade you will receive for the course is a D.
- A C or higher is considered to be successful completion of a concurrent enrollment math course. If you receive a grade below a C (even a C-), you will need to repeat the class at your own expense in college if it is a course you need for your degree/major.

### What we offer at MHS, and the requirements to take the course

| Course           | Course description   | Pre-requisites  |
|------------------|--|---|
| <b>Math 1050</b> | This course is designed for students interested in Mathematics, Science, Engineering, Technology, and Education. This course is an in-depth exploration of algebra topics designed to ultimately prepare students for Calculus or further education courses. Topics covered include the following: 1) functions, including polynomial, rational, exponential, and logarithmic; 2) systems of equations; matrices and determinants; partial fraction decomposition; 3) conics; and 4) sequences and series. | C average in Secondary I, II and III AND appropriate ACT (Math 23, reading 18) or CPT score<br><br>OR<br><br>Math 1010 with C grade or better |
| <b>Math 1060</b> | This course includes trigonometric functions and their graphs developed using circular and triangular methods including inverses; polar coordinates; and an introduction to vectors.   | Math 1050 with a C grade or better OR appropriate ACT/CPT placement score   |
| <b>Math 1040</b> | This course is recommended particularly for students in programs desiring statistical literacy, including (but not limited to) Social Science, Behavioral Science, and Nursing. This course includes descriptive and inferential statistical methods. Emphasis on sampling design; descriptive statistics; linear regression and correlation; probability; sampling distributions; hypothesis testing and confidence intervals.  | C average in Secondary I, II and III<br><br>OR<br><br>appropriate ACT (Math 22, reading 16) or CPT score                                      |
| <b>Math 1030</b> | This course is an appropriate culminating mathematics course for the general studies or liberal arts student majoring in humanities or other programs not related to math and science. The course covers a broad scope of mathematical topics as they apply to real-world problems. Topics include reasoning and number sense, finance matters, probability and statistics, and modeling.  | C average in Secondary I, II and III<br><br>OR<br><br>appropriate ACT (Math 19, reading 16) or CPT score                                      |