Math Course Sequence by Program of Study

The sequence of math courses you take depends on your program of study and your level of skill in mathematics. The following charts can help you determine the sequence of math courses you take as well as the prerequisites required. Where you start in the sequence will be based upon prerequisites and/or your score on the CLC Math Placement Test.

**NOTE:** The courses within the gray boxes are DEVELOPMENTAL CLASSES and do not apply toward any associate degree or career certificate program.

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**Developmental Classes**

- **MTH 101**: Elementary Concepts of Math
- **MTH 105**: Preparatory Mathematics for General Education
- **MTH 102**: Basic Algebra
- **MTH 108**: Intermediate Algebra

**Pursuing an A.A. or A.S. in BUSINESS TRANSFER?**

- **MTH 108**: Intermediate Algebra
- **MTH 122**: College Algebra
- **MTH 224**: Discrete Mathematics
- **MTH 127**: Finite Mathematics
- **MTH 222**: Business Statistics

**Pursuing an A.A. or A.S. in GENERAL EDUCATION?**

- **MTH 105**: Preparatory Mathematics for General Education
- **MTH 108**: Intermediate Algebra

**Pursuing a CAREER DEGREE or CERTIFICATE?**

- **MTH 102**: Basic Algebra
- **MTH 105**: Preparatory Mathematics for General Education
- **MTH 114**: Applied Mathematics I
- **MTH 115**: Applied Mathematics II
- **MTH 117**: Technical Mathematics I
- **MTH 118**: Technical Mathematics II
- **MTH 145**: Calculus I
- **MTH 146**: Calculus II
- **MTH 225**: Introduction to Linear Algebra
- **MTH 227**: Ordinary Differential Equations

**Pursuing an A.A. in ELEMENTARY EDUCATION?**

- **MTH 121**: Mathematics for Elementary Teaching I
- **MTH 122**: College Algebra
- **MTH 221**: Mathematics for Elementary Teaching II

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1. Prerequisite for this course can be met with CLC Math Placement Test or specific ACT/SAT scores.
2. Prerequisite for this course can be met with two years of High School Algebra (C or better) – AND – Basic Algebra Readiness.
3. See an advisor/counselor for information on meeting the prerequisite for this course.

* Geometry Proficiency may be demonstrated by submitting a high school transcript showing a “C” or better in one year of high school geometry, by earning a “C” or better in MTH 104 (Geometry) or MTH 105 (Preparatory Mathematics for General Education), or MTH 108 (Intermediate Algebra) or a Math ACT of 22 or higher or a Math SAT score of 530 or higher.