

## Which Math Course is Right for Me?

Make sure you are registering in the math class that is right for you and your major! General information about mathematics courses is given in [Flow Chart of Math Courses](#) and [Math Course Descriptions](#). The following is more personal advice that holds whether you take math online or on-campus. I strongly recommend that you discuss these options with your advisor or a mathematics faculty member before enrolling to assure you are on the right path.

**Math 089-091-093 or Math 090-095:** Either sequence, Math 089-091-093 or the accelerated Math 090-095 (see [Should I take Math 089-091-093 or Math 090-095?](#)), prepare you for a college level mathematics courses. **Both the Math 089-091-093 and the Math 090-095 sequences are offered online.**

---

After earning a "C" or better in math 093 or math 095 (or placement testing into 100-level math) you have several math classes you can take at Clark to satisfy your quantitative skills requirement. Which you choose depends on your goals. The following list describes your options and is based on the Mathematics Department's [What math class should I take after Math 093 or Math 095?](#) flyer.

**Math& 107 Mathematics in Society:** This is a "terminal math course" meaning that it is intended for students who have no need for further math classes beyond satisfying the quantitative requirement for an AA degree. This liberal arts math class surveys various topics in college level mathematics. Group work and writing assignments are common assessment techniques. Although this is probably the easiest of the 100-level math classes, be prepared to do some serious mathematics here. **Math& 107 is offered fully online, as a hybrid class, or as part of the "weekend program".**

**Math 103 College Trigonometry and Math 111 College Algebra:** These are *challenging demanding fast-paced technical courses* primarily intended for those majoring in mathematics, engineering, or physical science. They are preparatory classes for the four-term Calculus for Engineering and Physical Sciences sequence. Typically, only those needing or wanting to take Calculus I (Math& 151) should enroll. These courses are heavily into theory, graphs, and analyzing functions and graphs so a strong background in Intermediate Algebra is recommended. **Both Math 103 and Math 111 are offered online. (The Calculus sequence Math& 151-152-153 is also offered online.)**

Warning: If you think that 103 would be easy since it has the lowest 100-number or that College Algebra naturally follows Elementary and Intermediate Algebra, think again! 103 and 111 are certainly among the most challenging math classes that Clark offers at the 100-level. (Math 111 is particularly fast-paced and challenging. Math 111 has a high withdrawal rate. To be successful in Math 111, be sure your schedule can afford plenty of study time.)

Note: Which should you take first, 103 or 111? Personally I recommend 111 first since it deals with functions in general whereas 103 deals specifically with trigonometric functions. However, you can take them in either order, or if you are a true mathochist™, at the same time!

**Math 105 Finite Mathematics and Math& 148 Business Calculus:** These classes are primarily for business and economics majors, but computer science, social science, life science, and health occupation majors will find these classes useful too. They are application based courses that cover a variety of business, social science, and life science applications and rely fairly heavily on graphing calculators/software. Math 105 is a prerequisite for Math& 148. If the University to which you are transferring requires "College Algebra" they often accept Math 105 instead, but check that with your institution to be sure. **Both Math 105 and Math& 148 are offered online.**

**Math 120-121 Mathematics for Elementary Teachers:** This is a rigorous and specialized sequence is for students preparing to become elementary education teachers. The curriculum frequently involves the use of manipulatives and hand-on activities.

**Math 135 Modeling Energy Dynamics in Everyday Life:** This course introduces basic mathematical models related to energy use, with emphasis on the role of these models in everyday life. Students develop and analyze models of energy use and cost in home heating, home lighting, and food consumption. Completion of Biology 101 recommended (but not required) before enrolling in this course. Be aware though that this class is only 3-credits so you might want to combine it with math 203 to satisfy the AA quantitative requirement. Very cool class though unfortunately not regularly offered.

**Math 203-204 Descriptive Statistics & Inferential Statistics:** This sequence of statistics is useful for a variety of majors including education, journalism, and the sciences (health, social, life, physical). Be aware though that each class is only 3-credits so you will need to take both (or combine 203 with math 135) to satisfy the AA quantitative requirement. **Both Math 203 and Math 204 are offered online and as hybrids at Clark College at WSUV.**