

# CCC MATHEMATICS COURSE SEQUENCE

Effective Fall 2019

The starting point in the math course sequence depends on the results of the math placement exam or math faculty recommendation. Students are exempt from the math placement exam if they meet one or more of the following criteria:

- Successful completion of math coursework at another college
- Sufficient score on a standardized math test (i.e. NYS Regents, SAT, or ACT exam)

For students exempt, a math faculty member will review prior math coursework to determine the starting point in the math course sequence.

*If a student is concurrently enrolled in MAT090 and MAT098 and subsequently withdraws or is involuntarily withdrawn from either course, the student will be withdrawn from the other course.*

## Pre-College Level

These courses are prerequisites for college level math courses and some courses in other departments. Pre-college level math courses do not count as math credit.

**MAT 098** 0 credits/ 3 hr  
**Prealgebra**  
 Requires a grade of CN or better to pass.

**MAT 090** 0 credit/ 1 hr  
**Prealgebra Supplement**  
 Students enrolled in MAT090 will be co-enrolled in MAT098.  
 Requires a grade of CN or better to pass.

**MAT 100Q** 4 free elective credits  
**Quantitative Literacy I**  
 Students are recommended to take MAT101Q after this course, but are able to take MAT103.

**MAT 100** 4 free elective credits  
**Introductory Algebra**  
 This course is best suited for students in STEM and business programs. Students may take MAT101Q/103/104/105 after this course. Requires a grade of C- or better to continue on to MAT104/105.

## College Level

(Math above 100)  
 These courses depend on the program of study and whether a student is planning to transfer.

These pathways are best suited for students in applied psychology, business (career), criminal justice, English, humanities & social science, human services, and nursing programs.

This pathway is best suited for students in math, science, business transfer and forestry programs.

This pathway is best suited for students in technology programs.

**MAT 101Q** 3 credits  
**Quantitative Literacy II**  
 Students may take MAT161 after this course.

**MAT 103** 3 credits  
**Finite Mathematics**  
 Students may take MAT161 after this course.

**MAT 104** 4 credits  
**College Algebra with Trigonometry I**  
 Students may take MAT161/204/205/215 after this course.

**MAT 105** 4 credits  
**Technical Mathematics I**  
 Students may take MAT161/204/205/215 after this course.

**MAT 161** 3 credits  
**Elementary Statistics**  
 Students may take this course after any college-level math course.

This pathway is best suited for students in the business transfer program.

**MAT 204** 4 credits  
**College Algebra with Trigonometry II**

**MAT 205** 4 credits  
**Technical Mathematics II**

**MAT 224** 4 credits  
**Calculus I**

**MAT 225** 4 credits  
**Calculus II**

**MAT 226** 4 credits  
**Calculus III**

**MAT 215** 4 credits  
**Calculus for Business Students**