Math Chart

The Math Chart represents the relationship and sequencing of the math courses offered at NECC. Your initial placement into a sequence of math courses is dependent upon your Math Assessment Test result. Individual programs require particular math courses and sequencing. Please see an academic advisor before selecting the math course sequences in your academic program.

STEM Pathway

- Basic Math MAT010*
  - Basic Algebra I MAT021*
    - Grade “C” or better
    - Grade “A” or better
  - Applied Math MAT115
  - Grade “C” or better
    - Pre-Calculus MAT 145**
    - Adv Algebra & Trig MAT140

MIDDLE Pathway

- Basic Algebra II MAT022*
  - Grade “C” or better
  - Calculus B/LS MAT171
  - College Algebra & Trig MAT130
    - Calculus I MAT251
    - Calculus II MAT 252
    - Calculus III MAT 253
    - Differential Equations MAT254

NON-STEM Pathway

- Math Literacy for College Students MAT090*
  - Statistics MAT125
  - Quantitative Reasoning MAT122
  - Mathematical Ideas I MAT118***
  - Mathematical Ideas II MAT119***

Students in the NON-STEM and MIDDLE PATHWAY must make a “C” or better to progress into the next level of math.

For STEM Pathway see the required grades on the STEM Pathway

*MAT010 Basic Math, MAT021 Basic Algebra I, MAT022 Basic Algebra II, MAT090 Math Literacy for College Students are developmental courses and cannot be used to satisfy math elective requirements for graduation in any certificate or degree program.

***MAT118 Mathematical Ideas I and MAT119 Mathematical Ideas II will not satisfy the math requirement in Accounting, Business Programs, or Computer Information Sciences programs.