

# Math 125: Basic Mathematics for Science & Eng

This course is designed especially for students requiring a review of both algebra and trigonometry before beginning the calculus sequence. Students will solve a variety of algebraic equations and inequalities; examine and graph algebraic, exponential, logarithmic, and trigonometric functions; evaluate trigonometric functions and their inverses; verify trigonometric identities; and solve exponential, logarithmic, and trigonometric equations.

3 Credits

### **Prerequisites**

- Course cannot be booked if completed Math 261 with a grade of C or better.
- Prerequisite: Minimum ACT mathematics score of 19 (SAT 450 or SATR 510); or ALEKS PPL score of 61; or Math 121; or the successful completion of DS 099, if required.

### Instruction Type(s)

- Lecture: Lecture for Math 125
- · Lecture: Web-based Lecture for Math 125

## Course Fee(s) Mathematics

• \$40.00

#### Online, Internet, or Web-based

Students may be required to pay additional fees to an outside vendor for identity verification prior to a proctored assessment.

• \$100.00 per 3 Semester Credit Hours

### **Subject Areas**

• Mathematics, General

### **Related Areas**

- Algebra and Number Theory
- Analysis and Functional Analysis
- Geometry/Geometric Analysis
- Topology and Foundations

