

# 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.
- Course cannot be booked if completed Math 262 with a grade of C or better.
- Minimum ACT mathematics score of 19 (SAT 450 or SATR 510); or ACT mathematics score of 17 (SAT 410 or SATR 460) or mathematics score of 18 (SAT 430 or SATR 490) and 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

• \$25.00

#### 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**

<u>Mathematics, General</u>

### **Related Areas**

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

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