

## Math 125: Basic Mathematics for Science & Eng Mathematics

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

- [Mathematics, General](#)

### Related Areas

- [Algebra and Number Theory](#)
- [Analysis and Functional Analysis](#)
- [Geometry/Geometric Analysis](#)
- [Topology and Foundations](#)

