AS-T Mathematics

Mathematics provides the foundation for studying engineering, the physical, biological, and health sciences, economics, business, computer science, statistics, and many other fields.

Career Opportunities

Students with degrees in mathematics have a wide variety of career opportunities. Some pursue careers in the teaching of mathematics. Others pursue lucrative positions in fields such as engineering, operations research, computer programming, finance, data analysis, and law.

Program Learning Outcomes

Students completing this program will be able to:

1. Use symbolic, graphical, numerical, and written representations of mathematical ideas.
2. Use mathematical reasoning and a generalized problem solving process to solve real-world problems.

AS-T Degree Requirements
Major: Core and Selective Requirements

Complete Core Courses, 21 units		Units
MATH 251	Analytical Geometry and Calculus I	5 units
MATH 252	Analytical Geometry and Calculus II	5 units
MATH 253	Analytic Geometry and Calculus III	5 units
MATH 270	Linear Algebra	3 units
MATH 275	Ordinary Differential Equations	3 units

General Education - certified completion of one of the following:

- California State University General Education-Breadth pattern (CSU GE Breadth),
- **OR**
- Intersegmental General Education Transfer Curriculum (IGETC/CSU) pattern

Elective courses: If applicable, additional courses to meet the minimum 60 CSU transferable units requirement.

Please refer to Associate Degree for Transfer (ADT) Requirements for more information.