MATHEMATICS, ASSOCIATE OF ARTS DEGREE

Banner Code: 3_AA_MATH
Financial Aid Eligible

Mathematics involves the study of numerical calculations, problem solving, logic, quantitative patterns, and more. Students pursuing a Mathematics major take a variety of courses in the areas of algebra, geometry, calculus, mathematical reasoning, and differential equations. Students in mathematics programs can also branch out to several specializations, including teaching, computer science, statistics-mathematics, and bio-mathematics programs.

Program Level Student Learning Outcomes

Upon completion of this program, students will be able to:

1. Select and apply correct quantitative methods to find the correct solution to a problem in familiar or unique situations or contexts.
2. Accurately interpret and create mathematical models such as formulas, graphs, tables, and schematics; include predictions based on the model.
3. Adequately explain thinking and mathematical processes, and justify mathematical solutions effectively and accurately.

Review Graduation Requirements (https://catalog.cccd.edu/coastline/graduation-requirements/associate-degree/) and General Education (https://catalog.cccd.edu/coastline/general-education/).

Course	Title	Units
Required Core		
Complete the following:		
MATH C180	Calculus 1	5
MATH C185	Calculus 2	5
MATH C280	Calculus 3	5
MATH C285	Introduction to Linear Algebra and Differential Equations	5
Units Required for Major		20
Local General Education, CSU General Education, or IGETC pattern		Varies
Electives to satisfy unit requirement		Varies
Total Units		**60**