

MATHEMATICS, ASSOCIATE IN SCIENCE DEGREE FOR TRANSFER (AS-T)

Financial Aid Eligible

Banner Code: 1_AST_MATH

Control Number: 32235

Students graduating with an Associate in Science in Mathematics for Transfer Degree are well positioned to complete a Bachelor's Degree in a similar major within the California State University system with 60 units of upper-division coursework. Students who complete the Mathematics AS-T degree are guaranteed admission to the CSU system, but not to a particular campus or major. Students must maintain a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum 2.0 is required for CSU admission, some majors may require a higher GPA. Please consult a counselor for more information.

Program Outcomes

1. Students will be eligible and prepared for admission (SB 1440 and Education Code 66746) to California State University system schools.

Associate Degree for Transfer Requirements

The following is required for all AA-T or AS-T degrees:

1. Minimum of 60 CSU-transferable semester units.
2. Minimum GPA of at least 2.0 in all CSU transferable coursework. While a minimum of 2.0 is required for admission, some majors require a higher GPA. Consult with a counselor for more information.
3. Completion of a minimum of 18-semester units in the major as detailed in the Degree and Certificate section of this catalog. All courses in the major must be completed with a grade of C or better.
4. Certified completion of the California State University General Education-Breadth pattern (CSU General Education Breadth – Option 2 (<https://catalog.cccd.edu/orange-coast/general-education-patterns/associate-degree-general-education-option-2/>)) OR the Intersegmental General Education Transfer Curriculum (IGETC – Option 3 (<https://catalog.cccd.edu/orange-coast/general-education-patterns/associate-degree-general-education-option-3/>)).

Course	Title	Units
Required Courses		
<i>Core Courses</i>		
MATH A180 or MATH A180H	Calculus 1 Calculus 1 Honors	4
MATH A185 or MATH A185H	Calculus 2 Calculus 2 Honors	4
MATH A280 or MATH A280H	Calculus 3 Calculus 3 Honors	4-5
<i>List A</i>		
MATH A235 or MATH A285	Applied Linear Algebra Introduction to Linear Algebra and Differential Equations	3-5

Course	Title	Units
or MATH A285H	Introduction to Linear Algebra and Differential Equations Honors	
<i>List B</i>		
Select one of the following:		3-5
Any course not used in List A		
CS A150	C++ Programming Language 1	
CS A170	Java Programming 1	
MATH A160	Introduction to Statistics	
MATH A230	Introduction to Discrete Mathematics	
PHYS A185 or PHYS A185H	Calculus Based Physics: Mechanics Calculus-Based Physics: Mechanics Honors	
Program Major Units		18-23
CSU or IGETC for CSU		37-39
Transferable electives as needed to satisfy unit requirement		Varies
Total Units		60