

“This is an unofficial document – See Cerritos College Catalog for official document”

CERRITOS COLLEGE MATHEMATICS (AS-T)

ASSOCIATE IN ARTS DEGREE IN MATHEMATICS FOR TRANSFER

By successfully completing the courses for an Associate in Science in Mathematics for Transfer degree at Cerritos College, students will gain a practical and theoretical understanding for future studies involving mathematics. The role of mathematics is vital and growing, providing methods for finding solutions to problems in a wide range of sciences: social, biological, physical, behavioral, and managerial. More generally, mathematics is necessary for understanding and expressing ideas in science, engineering, and human affairs.

REQUIRED CORE (18 UNITS)

		UNITS
MATH 170	Analytic Geometry and Calculus I	4
MATH 190	Analytic Geometry and Calculus II	4
MATH 225	Calculus III	5
MATH 250	Linear Algebra and Differential Equations	5

SELECT ONE – (3-4 UNITS)

PHYS 201	Engineering Physic	4
CIS 180	Programming in C/C++	3
MATH 112	Elementary Statistics	4

Total Units for the Major 21-22

ASSOCIATE IN SCIENCE IN MATHEMATICS FOR TRANSFER REQUIREMENT

- (1) Completion of 60 semester-units or 90 quarter-units that are eligible for transfer to the California State University, including both of the following:
 - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education –Breadth Requirements.
 - A minimum of 18 semester-units or 27 quarter-units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0.
- (3) Also required is that students must earn a “C” or better in all courses required for the major