VENTURACOLLEGE
SET YOUR COURSE

Associate Degree for Transfer - Mathematics

STUDENT ADVISING GUIDE

MATHEMATICS FOR TRANSFER

Associate Degree for Transfer
A Degree with a Guarantee.

The Associate in Science in Mathematics for Transfer Degree (Mathematics AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the degree are guaranteed admission to the CSU system, but not to a particular campus or major.

A student graduating with an Associate in Science in Mathematics for Transfer Degree may transfer to a four-year institution to complete a Bachelor's Degree in mathematics and applied mathematics or similar programs.

To earn a Mathematics AS-T degree, students must complete:
1. Certified completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
    a. The Intersegmental General Education Transfer Curriculum (IGETC-CSU) or the California State University General Education-Breadth Requirements.
    b. 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 on transfer courses.
3. Obtainment of a "C" grade or better in all courses required for the major or area of emphasis.
4. Complete a minimum of 12 units in residency at the college granting the degree.

REQUIRED CORE (15 units):		UNITS
MATH V21A	Calculus/Analytic Geometry	5
MATH V21B	Calculus/Analytic Geometry II	5
MATH V21C	Multivariable Calculus	5

Choose a minimum of 6 units from LIST A and B with at least 3 units from LIST A:

LIST A
Select one to two (1-2) of the following courses (3-6 units):

MATH V22	Introduction to Linear Algebra	3
MATH V23	Introduction to Differential Equations	3

LIST B
Select one (1) of the following courses (3-5 units):

CS V11	Programming Fundamentals	3
CS V13	Object-Oriented Programming	3

CS V17 /MATH V52	Discrete Structures	3
CS V30	Beginning C + +	3
CS V40	Beginning Java	3
MATH V44	Elementary Statistics	4
PHYS V04A	Mechanics for Scientists and Engineers	4
AND		
PHYS V04L	Mechanics Laboratory for Scientists and Engineers	1
	Major Units	21-23
	CSU General Education or IGETC Pattern	37-39
	Electives (CSU transferrable units to reach 60)	
	Double-Counted Units (major and general education	(3-7)
	DEGREE TOTAL	**60**

Please refer to Course Identification System (C-ID) website for course numbers
http://www.c-id.net/course_compare.html

Transfer requirements may differ. See a counselor or consult www.assist.org ,
if you plan to transfer to a UC campus or a college or university other than CSU.