

MATHEMATICS, AS-T

State Control Number: 31025

Program Code: MATH.CSUGE.AS-T or MATH.IGETC.AS-T

Program Length: 24 months

Approved for Federal Financial Aid: Yes

The role of mathematics is vital and growing, providing solutions to problems in a wide range of sciences: social, biological, physical, behavioral, and management. As a whole, mathematics is necessary for understanding and expressing ideas in science, engineering, and human affairs. Mathematics is integrally related to computer science and statistics, which have proven invaluable to advancing research and modern industrial technology. The Mathematics curriculum academically prepares the student to transfer to a 4-year university to complete a Baccalaureate degree in a similar major. The major requirements for the AS-T degree align with the intersegmental Transfer Model Curriculum (TMC) for Mathematics. Students should consult with a counselor to determine whether this degree is the best option for their transfer goals.

To earn this degree complete the major coursework listed here with “C” grades or higher and the following graduation requirements:

- 60 CSU transferable units;
- either the CSU General Education (<https://catalog.vvc.edu/degrees-certificates/csuge-breadth/california-state-university-general-education-breadth-certificate/#requirementstext>) or IGETC (<https://catalog.vvc.edu/degrees-certificates/igetc/intersegmental-general-education-transfer-curriculum-igetc-certificate/#requirementstext>) (for CSU or UC) pattern; and
- 2.0 minimum overall CSU GPA.

Courses used in the major may also be counted in the general education areas. Courses used for this major may also be used to earn other degrees at VVC.

Code	Title	Units
Required Courses		
MATH 226	Analytic Geometry and Calculus I	4.0
	or MATH 226H Honors Analytic Geometry and Calculus I	
MATH 227	Analytic Geometry and Calculus II	4.0
	or MATH 227H Honors Analytic Geometry and Calculus II	
MATH 228	Analytic Geometry and Calculus III	5.0
	or MATH 228H Honors Analytic Geometry and Calculus III	
List A		
MATH 270	Differential Equations	3.0
MATH 231	Linear Algebra	3.0
Total Units		19