

MATHEMATICS 2.0, ASSOCIATE IN SCIENCE DEGREE FOR TRANSFER

Upon successful completion of the Associate in Science in Mathematics 2.0 for Transfer, the student will have demonstrated a practical and theoretical understanding of mathematics in preparation for transfer to the California State University system. This degree will be useful for students majoring in the STEM (science, technology, engineering and mathematics) fields. It is recommended that students consult a counselor for further information.

Program Learning Outcomes

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.

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
List A: Select One		3-4
CIS C157	Introduction to Python Programming	3
PHYS C185	Calculus Based Physics: Mechanics	4
Units Required for Major		23-24
CalGETC pattern		34
Electives to satisfy unit requirement		Varies
Total Units		60