



Santiago Canyon College

What happens here matters.

2020-2021 Academic Year

Associate in Science for Transfer: Computer Science (33379)

The Associate in Science in Computer Science for Transfer degree prepares students to move into a curriculum at a four-year institution leading to a baccalaureate degree. Employment opportunities are available as programmers in government, business and education. Successful completion of the transfer degree in Computer Science guarantees the student acceptance to the California State University system to pursue a baccalaureate degree in Computer Science or a related field.

Learning Outcome(s)

Upon successful completion of the major requirements for this degree, students will be able to

- Apply knowledge of mathematics, science, and computer science to identify, formulate, and solve computer science problems



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Major Requirements	Units
CMPR 122: Programming Concepts and Methodology I	3
CMPR 132: Programming Concepts and Methodology II	3
CMPR 149: Discrete Structures for Computer Science	3
CMPR 154: Computer Architecture and Organization	3
MATH 180/180H: Single Variable Calculus I	4
MATH 185: Single Variable Calculus II	4
PHYS 250A: Physics for Scientists and Engineers I	5
PHYS 250B: Physics for Scientists and Engineers II	5
TOTAL	30

NOTE: Only IGETC for the UC and CSU (Plan C) will be accepted towards completion of the general education portion of this degree. Unlike other Associate Degrees for Transfer, CSU GE Breadth (Plan B) completion will not be accepted.

An Oral Communication course, IGETC Area 1C, must be completed in order to meet CSU admission requirements