

ASSOCIATE IN SCIENCE

COMPUTER SCIENCE

(62 hrs. min.)

CIP: 11.0201

School of Business and Applied Technologies, (505) 428-1332

This program is designed for students who intend to pursue a bachelor's degree in computer science. It provides students with general education requirements and rigorous courses in software design and programming. Students must work closely with their transfer institution and their SFCC adviser to ensure the best transition to four-year schools.

GENERAL EDUCATION REQUIREMENTS: (45 HRS. MIN.)

Communications (12 hrs.)

- ENGL 111 Composition and Rhetoric (3)
- ENGL 112 Composition and Literature (3)
- ENGL 216 Technical Writing (3)
- SPCH 111 Public Speaking (3)
- [or]
- SPCH 220 Interpersonal Communications (3)

Math (11 hrs.)

- MATH 154 Math for Computer Science (3)
- MATH 162 Calculus I (4)
- MATH 163 Calculus II (4)

Science (8 hrs.)

Choose two laboratory sciences in different disciplines.

Satisfaction of College Core Curriculum in Social/Behavioral Sciences and Humanities to total a minimum of 15 total credit hours.

Social/Behavioral Sciences (6-9 hrs.)

Humanities and Fine Arts (6-9 hrs.)

Health, Physical Education and Recreation (HPER) or Dance (2 hrs. min.)

CORE REQUIREMENTS: (17 HRS.)

- CISC 111 Introduction to Computer Science (3)
- CISC 111L Introduction to Computer Science Lab (1)
- CISC 125 Introduction to Programming (4)
- CISC 215 Intermediate Programming (3)
- CISC 225 Advanced Programming (3)
- CISC 227 UNIX Fundamentals (3)

NOTE: See "College Success Course Requirement" on Page 10.

TOTAL 62 CREDITS MIN.