

# Computer Science

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## Associate in Science Degree

This program is appropriate for students who intend to transfer to a four-year college and continue their studies in the field of computer science. Two high school mathematics courses or their equivalent are required.

### Total Credit Hours: 63

#### First Semester

CF100 College Foundations Seminar	1.0
CI110 Prin Programming	3.0
CI130 Programming In C++	3.0
EN101 English 1: Composition	3.0
MA151 Calculus 1	4.0
HI101 History of Civ 1	3.0
Physical Education Elective	0.5

#### Second Semester

CI230 Data Structures	3.0
EN102 English 2:Idea&Values Lit	3.0
MA152 Calculus 2	4.0
PH115 Science of Multimedia	4.0
SO101 Intro Sociology	3.0
Physical Education Elective	0.5

#### Third Semester

Physics Elective (a)	4.0
CI245 Java Programming	3.0
CI285 System & Oper Mgmt	3.0
MA275 Dis Algebraic Str	4.0
Physical Education Elective	0.5

#### Fourth Semester

CI260 Microcomputer Prog	3.0
CI271 Database Design&Implement	3.0
Physics (a)	4.0
Program Elective (b)	3.0
Physical Education Elective	0.5

(a) Depending upon the school to which they plan to transfer, students should choose a two-course sequence in General Physics or Engineering Physics.

(b) To be chosen with permission of your advisor.