Computer Science (CSE)

Degree: Associate of Science

The Computer Science program prepares students for a degree in Computer Science or Information Systems by providing the basic courses for transfer to a four-year college or university. This program is intended to meet the requirements of the first two years of a sequence of courses leading to the Bachelor Degree or prepares a student to enter the job market in Computer Science or Information Systems.

Analysis & Oral Communication (9 hours) English Composition I (ENG 1003) English Composition II (ENG 1013) Public Speaking (COM 1203)	Credit Hours 3 3 3
Mathematics (3 hours) College Algebra (MAT1023) or higher	Credit Hours 3
Sciences (10 hours) Natural Sciences (1 required course)	Credit Hours
General Biology (non-majors) (BIO 10) Physical Science (Select 1 required course)	
Chemistry for non-majors (PHS 1015) Descriptive Astronomy (PHS 1085) Physical Science (PHS 1005)	5 5 5
Fine Arts & Aesthetic Studies (3 hours)	Credit Hours
Art Appreciation (ART 1043)	3 3
Drawing and Composition (ART 1023) Music Appreciation (MUE 1303)	
Music Appreciation (MOE 1505) Music Theory I (MUE 1093)	3
Creative Writing (ENG 2023)	3 3 3 3
Theatre Appreciation (THR 1013)	3
Acting I (THR 1023)	3
Stagecraft I (THR 1033)	3
Cultural Studies (3 hours)	Credit Hours
Spanish I, II, III (FRL 1025, 1035, 2035)	5
World Regional Geography (GEO 2013)	3
Intro to Race and Ethnic Relations (SOC 2113)	3
African American History (HIS 1163)	3 3 3
World History I (HIS 1003)	3
World History II (HIS 1013)	3
World Religions (REL 1053)	3
Health & Well-Being (3 hours) Psychological	Credit Hours
General Psychology (BEH 1003)	3
Human Heritage (9 hours)	Credit Hours
History (Select 1)	
US History I (HIS 1023)	3
US History II (HIS 1063)	3
Literature (Select 1)	2
Introduction to Literature (ENG 1073) Philosophy and Religion (Select 1)	3
Introduction to Philosophy (PHI 2003)	3
Ethics (PHI 1073)	3
Logical and Classical Reasoning (PHI 2	2073) 3
World Religions (REL 1053)	3

Social Awareness (3 hours) Introduction to Sociology (SOC 1003) Social Problems (SOC 2023)	Credit Hours 3 3
Political Awareness (3 hours) American Government (POL 1023) Introduction to Political Science (POL 1013)	Credit Hours 3 3
Business and Technology (6 hours) (Select 1)	Credit Hours
Microeconomics (BUS 2023) Macroeconomics (BUS 2033) (Select 1)	3 3
Computer Concepts & Applications (CIT 1003) Computer Information Systems (CIT 2003)	3 3
Major Courses (9 hours)	Credit Hours
Programming Language Elective**	3
Program Electives	6
TOTAL: 61	
Suggested Program Electives:	
Calculus I (MAT 1055)	5
Elementary Statistics (MAT 1103)	3
Introduction to Computer Science (CSE 1033)	3
Web Design and Development (CIT 1033)	3
Advanced Web Design and Development (CIT 2	143) 3
Networking and Data Communications (CSE 203	33) 3
Word I/ Windows (CIT 1652)	2
Intro to Spreadsheets (CIT 1202)	2
Intro to Database Management (CIT 1552)	2
Mobile/Web App Design & Development (CSE1	3 3 143) 3 33) 3 2 2 033) 3 3 3 3 3 3 3 3 3
Basics of Python Programming (CSE1073)	3
HTML5 Game Play (CSE1023)	3
Personal Finance (BUS 1003)	3
Introduction to Accounting (ACC 1003)	3

**See Program Advisor