2015-16 Associate of Applied Science: Computer Science

Division: Business Division
Program of Study: Associate of Applied Science: Computer Science (proposed)
Web Site: http://www.monroeccc.edu/business/busdiv.htm

Program Description:
The Associate of Applied Science degree with specialization in computer science is designed to train students for the area of computer programming in an engineering/science environment.

Career Opportunities:
Entry-level programming positions.

Transfer Information: For information regarding transfer opportunities for this, or any program, please go to http://www.monroeccc.edu/academicadv-transfer/transindex.htm

MCCC has a signed transfer agreement with the University of Michigan-Dearborn which allows students to transfer directly into the Bachelor of Science in Computer and Information Science, Software Engineering or Information Assurance programs. Refer to the above website for specific transfer courses and requirements.

Required General Education: Credits
C1 Natural Science Competency 4
C2 MATH 171 Calculus 4
(See course description for prerequisites)
C3 ENGL 151 English Composition I 3
C4 CIS 130 Intro to Computer Information Systems 3
C5 Expressions of the Human Experience Competency 3
C6 Social Systems Competency 3

See General Education Requirements or the College website (www.monroeccc.edu) for a list of courses that satisfy the GE Learning Competencies

Note: The following codes identify courses which satisfy the General Education Requirements:
(C1) GE Natural Sciences Competency
(C2) GE Mathematics Competency
(C3) GE Writing Competency
(C4) GE Computer Literacy Competency
(C5) GE Human Experience Competency
(C6) GE Social Systems Competency

Required Core Courses 29
CIS 130 Intro to Computer Information Systems ....................... (C4)
CIS 150 Computer Science I .............................................. 4
CIS 153 Desktop App Programming ..................................... 3
CIS 167 Discrete Structures ................................................ 4
CIS 175 Android Programming ........................................... 3
CIS 250 Computer Science II ............................................. 4
CIS 267 Beginning Game Programming ............................... 3
CIS 268 Assembly Language and Computer Architecture ....... 4

Additional Required CIS Courses 4

General Elective Courses
(As required to complete 60 hours)

Total Degree Requirements 60 credits
Total Degree Cost 60 minimum billable contact hours