COMPUTER INFORMATION SYSTEMS, ASSOCIATE IN APPLIED SCIENCE

College(s): DA*, HW*, KK*, MX*, OH*, TR*, WR*

Program Code: 0011

**Beginning Summer 2016, this program is no longer accepting new students. Please refer to CCC's other IT offerings.*

Program Requirements

Code	Title	Hours
General Education Coursework		
ENGLISH 101		3
Additional General Education Courses [1,2]		12
Required Program Core		
CIS 101	Computer Science 101	3
CIS 120	Introduction to Computer Applications	3
CIS 250	Systems Analysis and Design	3
BUSINES 111	Introduction To Business	3
BUSINES 181	Financial Accounting	4
BUSINES 182	Managerial Accounting	4
MATH 118	General Education Math (or higher)	4
Select a minimum of 12 credit hours of the following:		12
CIS 103	Fundamentals of Programming	
CIS 122	Intro to Word Processing on Microcomputers	
CIS 142	C++ Object Oriented Programming I	
CIS 144	Java Object Oriented Programming I	
CIS 145	Database Management	
CIS 158	Web Development I	
CIS 181	Web Development I/Basic Web Technologies	
CIS 182	Web Development II/Client Side Scripting	
CIS 244	Java Object Oriented Programming II	
CIS 258	Web Development II	
Electives		
Students should meet with a College Advisor for selection of elective courses.		9
Total Hours		**60**

[1] Select an additional 12 hours of general education courses from Communications, Fine Arts & Humanities, Mathematics, Social and Behavioral Sciences, or Physical Sciences & Life Sciences.

[2] At least one course must meet the Human Diversity (HD) requirement.