

Computer and Information Applications

ASSOCIATE OF SCIENCE DEGREE

Term Effective: Fall 2005

Computer and Information Applications prepares students for entry level positions in computer programming, computer systems design/analysis, and other computer related positions. Career areas include jobs in computer software developing, computer hardware and software sales, education, general business firms and other high technology related fields.

Required Courses - Major:

	Units
Comp. Sci. 140 Introduction to Structured Systems Analysis & Design	3
Comp. Sci. 201 Introduction to Windows Applications	3
Comp. Sci. 203 Programming in Visual Basic for Windows	3
Comp. Sci. 204 Database Application Development Using Access & VBA (Visual Basic for Applications)	3
Comp. Sci. 220 Introduction to Computer Science	3
Plus 9 additional units selected from the following:	9
Art 181 Computer Graphics	1.5-3
Business 230 Introduction to Business	3
Bus Off. Tech. 65 Desktop Publishing w/Micros	3
Comp. Sci. 89 Microcomputer Oper. Syst. I	1.5
Comp. Sci. 105 UNIX Operating System	1.5
Comp. Sci. 106 UNIX Operating System II	1.5
Comp. Sci. 110 Network Operating Systems	3
Comp. Sci. 130 Web Page Design & Development	3
Comp. Sci. 134 Developing Web Applications	3
Comp. Sci. 164 Electronic Spreadsheets	3
Comp. Sci. 166 Database Software	3
Comp. Sci. 196 Cooperative Work Experience Education	1-4
Comp. Sci. 213 Programming in C++	3
Total Major units	24
Total Degree units	60

Addendum to Computer and Information Applications

ASSOCIATE OF SCIENCE DEGREE

Term Effective: Fall 2006

Addendum changes the sequence of courses as follows: Adds CSC 89 or CSC 105, CSC 164 and CSC 166 to the required area; moves CSC 204 from the required area to the restricted elective area.

Required Courses - Major:

	Units
Comp. Sci. 89 OR Microcomputer Oper. Syst. I OR	
Comp. Sci. 105 UNIX Operating System	1.5
Comp. Sci. 140 Introduction to Structured Systems Analysis & Design	3
Comp. Sci. 164 Electronic Spreadsheets	3
Comp. Sci. 166 Database Software	3
Comp. Sci. 201 Introduction to Windows Applications	3
Comp. Sci. 203 Programming in Visual Basic for Windows	3
Comp. Sci. 220 Introduction to Computer Science	3
Plus 4.5 additional units selected from the following:	4.5
Art 181 Computer Graphics	1.5-3
Business 230 Introduction to Business	3
Bus Off. Tech. 65 Desktop Publishing w/Micros	3
Comp. Sci. 105 UNIX Operating System (if not used above)	1.5
Comp. Sci. 106 UNIX Operating System II	1.5
Comp. Sci. 110 Network Operating Systems	3
Comp. Sci. 130 Web Page Design & Development	3
Comp. Sci. 134 Developing Web Applications	3
Comp. Sci. 196 Cooperative Work Experience Education	1-4
Comp. Sci. 204 Database Application Development Using Access & VBA (Visual Basic for Applications)	3
Comp. Sci. 213 Programming in C++	3
Total Major units	24
Total Degree units	60

Addendum to Computer and Information Applications

ASSOCIATE OF SCIENCE DEGREE

Term Effective: Fall 2007

Addendum changes the sequence of courses as follows: Deletes CSC 89, CSC 140 and CSC 204 and moves CSC 105 from the restricted area to the required area.

Required Courses - Major:

		Units
Comp. Sci. 105	UNIX Operating System	1.5
Comp. Sci. 164	Electronic Spreadsheets	3
Comp. Sci. 166	Database Software	3
Comp. Sci. 201	Introduction to Windows Applications	3
Comp. Sci. 203	Programming in Visual Basic for Windows	3
Comp. Sci. 220	Introduction to Computer Science	3
Plus 7.5 additional units selected from the following:		7.5
Art 181	Computer Graphics	1.5-3
Business 230	Introduction to Business	3
Bus Off. Tech. 65	InDesign for Desktop Publishing	3
Comp. Sci. 106	UNIX Operating System II	1.5
Comp. Sci. 110	Network Operating Systems	3
Comp. Sci. 130	Web Page Design & Development	3
Comp. Sci. 134	Developing Web Applications	3
Comp. Sci. 196	Cooperative Work Experience Education	1-4
Comp. Sci. 213	Programming in C++	3
	Total Major units	24
	Total Degree units	60