

Associate of Applied Science Computer Software Specialist



PURPOSE: The Associate of Applied Science degree program in Computer Software Specialist is designed to prepare students to enter the workforce as computer professionals trained in a variety of computer programming languages to develop business oriented software applications.

PROGRAM REQUIREMENTS: Entry into the program requires the satisfactory completion of four (4) units of high school English, one (1) unit of high school mathematics or their equivalent. Students are required to take English and Mathematics placement test.

First Year

Fall Semester			
ITE	131	Survey of Internet Services	1
ITD	110	Web Page Design I	3
ITE	115	Intro to Computer Applications & Concepts	3
HTH or PE	Elective		1
ITN	171	Unix I	3
Math	Elective		3
SDV	101	Orientation to Business Programs	1

Spring Semester			
ENG	111 or 115	College Composition I OR Technical Writing	3
ITN	101	Intro to Network Concepts	3
ITP	100	Software Design	3
ITP	120	Java Programing I	3
ITP	140	Client Side Scripting	3
IND	137	Team Concepts and Problem Solving	3

Second Year

Fall Semester			
ITE	150	Desktop Database Software	3
ITP	132	C ++ Programing I	3
ITP	215	XML Web Services	3
ITP	193	Studies in PHP/MySQL	3
ITP	220	Java Programming II	3
SDV	106	Preparation for Employment	1

Spring Semester			
ITP	232	C++ Programming II	3
ITP	214	Windows Mobile Development	3
ITP	251	Systems Analysis & Design	3
ITP	298	Capstone	3
Social Science	Elective		3
Humanities Elective	Elective		3
Total Minimum Credits for Degree			67

The math elective must be satisfied by the MTH 105, 106 sequence or MTH 151, 157 or 163.

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