

Computer and Information Sciences

Associate in Applied Science Degree

Information Technology Degree Options

Web Technology Option

IT majors with this option are qualified for positions as Web Applications Developer, Web Support Specialist and Web Manager and Administrator.

Graduates should be able to:

- Design and maintain technically sound web sites.
- Design and code Internet applications utilizing web-programming languages.
- Develop animated web sites for e-commerce applications utilizing authoring tools.
- Demonstrate a knowledge and understanding of software layers and hierarchy.

Sample Program

First Semester		Credits	Third Semester		Credits
CIS 106	Introduction to Windows	1	CIS 271	Web Application Development I (formerly CIS 171)	3
CIS 107	Information Technology Fundamentals and Applications	3	CIS 273	Web Graphics (formerly CIS 173)	3
CIS 108	Programming Fundamentals	3	CIS 290	Database Fundamentals (formerly CIS 190)	3
EN 101	Composition I	3	CIS 202	Systems Analysis & Design	3
MA 101	College Mathematics I	3	ENS 106	Public Speaking	3
Humanities or Social Science		3			15
		16			
Second Semester		Credits	Fourth Semester		Credits
CIS 125	Microcomputer Software I	3		College Level Lab Science	4
CIS 152	Internet/E-Commerce Technologies	3	BU 101	Introduction to Business	3
CIS 165	Fundamentals of C++ Programming	3	CIS 275	Web Application Development II	3
CIS 170	Web Site Design and Tools	3	CIS 295	Capstone Project	1
EN 102	Composition II	3	Humanities or Social Science		3
Humanities or Social Science		3	CIS Elective		3
		18			17
			Total Credits for Degree:		66