

CAREER PROGRAMS

Computer Information Systems

Associate in Applied Science Degree: Web Development

The 66 credit-hour technical curriculum trains students for various positions in the field of Web site design and maintenance. The student will take courses in business, computer information systems, and general education. The student may choose from two specialized study areas: Web Application Developer or Web Visual Design. Graduates of the program may find employment as Web masters, Web developers, Web designers, Web site managers, and consultants.

Required Core Courses:

CIS	101	Introduction to Computer Information Systems.....	3
CIS	102	NetPrep™ Networking Fundamentals or	
CIS	170	Introduction to Data Communication.....	3
CIS	106	Programming Logic and Technology.....	3
CIS	119	Web Site Development I.....	3
CIS	122	Data Base for Micros.....	1
CIS	138	Web Site Development II.....	3
CIS	147	Windows.....	2
CIS	219	Web Site Management.....	3
MGT	111	Introduction to Business Organization.....	3
MKT	245	Principles of Marketing or	
MKT	252	Internet Marketing.....	3

Required General Education Courses:

ENG	101	Composition.....	3
ENG	102	Composition or	
ENG	103	Technical and Report Writing or	
SPE	101	Fundamentals of Speech Communication.....	3
		Mathematics elective ¹	4
		Natural Science, Social Science, or	
		Humanities electives ²	6

Specialized Study Areas:

Web Application Developer

Required:

CIS	130	Visual Basic Programming I.....	4
CIS	152	Data Base Programming, Microcomputers or	
CIS	239	Web Site Development III.....	3
CIS	161	Introduction to Perl Programming.....	3
CIS	218	E-Commerce Development.....	3
		CIS electives ³	7
		Natural Science, Social Science, or Humanities electives ²	3

Web Visual Design

Required:

ART	121	Design I	3
CIS	105	Introduction to Multimedia.....	3
CIS	109	Web Graphics.....	3
CIS	139	Web Authoring Tools.....	3
CIS	141	Advanced Data Base for Micros	1
CIS	electives ⁴	10

¹ Students must take four credit hours in a mathematics course at the level of MTH 080 or above.

² Students must take a total of nine credit hours in a minimum of two of these areas.

³ CIS 105, CIS 109, CIS 118, CIS 134, CIS 137, CIS 139, CIS 143, CIS 166, CIS 168, CIS 178, CIS 189, CIS 203, CIS 204, CIS 205, CIS 231, CIS 280, JNM 230.

⁴ CIS 118, CIS 130, CIS 134, CIS 137, CIS 139, CIS 152, CIS 203, CIS 204, CIS 205, CIS 218, JNM 230.