

## COMPUTER INFORMATION SYSTEMS

### Associate in Applied Science A.A.S.: Information Systems Degree

The 60 credit-hour curriculum prepares students for various data analysis, data management, software, and web development positions in the field of information systems, or transfer to a four-year institution. Students take courses in information systems, software development, web development, and general education.

F = Fall only course S = Spring only course U = Summer only course

#### FIRST SEMESTER:

Number	Course Title	Credits	Course Category
CAS 160	Introduction to Business Software Packages .....	3	Program Requirement
CIS 101	Introduction to Computer Information Systems .....	3	Program Requirement
CIS 106	Computer Logic and Programming Technology .....	3	Program Requirement
ENG 101	Composition .....	3	AAS General Education
	Mathematics <sup>1</sup> .....	3	AAS General Education

#### SECOND SEMESTER:

Number	Course Title	Credits	Course Category
CIS 143	Introduction to Database Systems .....	3	Program Requirement
CIS 206	Applied Programming (S) or		
CSC 121	Computer Science I .....	4	Program Requirement
ENG 102	Composition <sup>2</sup> .....	3	AAS General Education
	Information Systems elective <sup>3</sup> .....	3	Program Requirement
WEB 110	Internet Fundamentals or		
WEB 150	Web Foundations .....	3	Program Requirement

#### THIRD SEMESTER:

Number	Course Title	Credits	Course Category
	Information Systems electives <sup>3</sup> .....	8	Program Requirement
NET 121	Computer Networking or		
NET 122	Internet Protocols .....	3	Program Requirement
SPE 101	Fundamentals of Speech Communication <sup>2</sup> .....	3	AAS General Education

#### FOURTH SEMESTER:

Number	Course Title	Credits	Course Category
CIS 211	IT Project Management (S) .....	3	Program Requirement
CIS 245	Data Analysis (S) .....	3	Program Requirement
	Information Systems electives <sup>3</sup> .....	6	Program Requirement
SOC 101	Introduction to Sociology <sup>+</sup> .....	3	AAS General Education

1 Students must take at least three credit hours in a mathematics course at the level of MTH 103 or above. MTH 165 or MTH 225 is recommended.

2 Students who have previously completed another course which satisfies [AAS General Education electives](#) requirements should contact the CIS coordinator before taking this course.

3 Students must take a combination of at least 16 credit hours, selected from any of the following: Business Emphasis - ACC 100, ACC 101, ACC 102, MGT 111; Information Systems Emphasis - CIS 206(S), CIS 216(F), CIS 220, CIS 230, CIS 243(F), CIS 244(S); Computer Science and Mathematics Emphasis - CSC 122, CSC 214, CSC 216 (S), CSC 217, MTH 124, MTH 134, MTH 200, MTH 220, MTH 225; Networking and Information Assurance Emphasis - NET 240(F), NET 260(F), NET 270(S), NET 280(S); (Students pursuing the Networking and Information Assurance emphasis must complete NET 121 in the second semester and move WEB110/WEB 150 to the third semester.) Life Skills Emphasis - FYS 101; Web Development Emphasis - WEB 110, WEB 150, WEB 200, WEB 235 (S), WEB 250 (S)

+ This course meets the World Culture and Diversity graduation requirement.