

# 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 I .....	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 or		
CSC 121	Computer Science I .....	4	Program Requirement
ENG 102	Composition II <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 .....	3	Program Requirement
CIS 245	Data Analysis .....	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, CIS 216, CIS 220; 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, NET 260, NET 270, NET 280; (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.