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[1]	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[2]	3	AAS General Education
	Information Systems elective[3]	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[3]	8	Program Requirement
NET 121	Computer Networking or		
NET 122	Internet Protocols	3	Program Requirement
SPE 101	Fundamentals of Speech Communication[2]	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[3]	6	Program Requirement
SOC 101	Introduction to Sociology+	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.