

PROGRAM CURRICULUM



# Information Systems Technology & Management

## Associate in Science

*DIVISION OF SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS*

In the Information Systems Technology and Management program, students acquire the skills to solve information and management problems using computer hardware and software. Computer courses give students a solid background in Windows, database design, computer networks, web page design, and various software applications. Second year courses provide a strong emphasis on business and management related applications.

Upon successful completion, the Associate in Science Degree in Information Systems Technology & Management is awarded.

**PROGRAM FOOTNOTES**

**Humanities Electives:** Art, Communications, Film, Foreign Language, Humanities, Literature, Music, Oral Communication, Philosophy, Photography, Sign Language, Theater Arts

**Social Science Electives:** Anthropology, Economics, Geography, Government, History, Law and Society (LA 230), Psychology, Sociology

**Program Electives:** CS 176 Web Design, CS 140 Interactive Multimedia, CS 241 Web Site Development, CS 116 Fundamentals of Cyber Security, CS 126 Digital Imaging, MG 101 Principles of Management, MN 140 Project Management

It is recommended that students complete their first-year courses before they attempt an internship.



COURSE	COURSE TITLE	CREDITS
<i>First Year Semester 1</i>		
CS 104	Microcomputer Applications/ Business	3
CS 110	Introduction to Computer Science	4
CS 205	Introduction to Computation	4
CT 100	Critical Thinking	3
EN 101	Freshman English I	3
		<b>credits:</b> 17
<i>First Year Semester 2</i>		
CS 120	Programming I	4
CS 160	Application Software Strategies	4
EN 102	Freshman English II	3
MA 105	Introduction to Statistics	3
		<b>credits:</b> 14
<i>Second Year Semester 1</i>		
AC 101	Financial Accounting I	4
CS 213	Database Management Systems I	4
CS 230	Information Systems Administration and Management	4
CS 242	Computer Networks	4
CS 280	Computer Science Internship	1
		<b>credits:</b> 17
<i>Second Year Semester 2</i>		
CS 235	Information Systems Analysis and Design	4
EC 201	Principles of Macroeconomics	3
	Humanities Elective	3
	Humanities Elective	3
	<b>or</b>	
	Social Science Elective	3
	Program Elective	3/4
		<b>credits:</b> 16/17
<b>Total Credits:</b>		<b>64/65</b>