

Associate in Applied Science

Computer Information Technology (A25260)

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Overview

The Computer Information Technology curriculum is designed to prepare graduates for employment with organizations that use computers to process, manage, and communicate information. This is a flexible curriculum that can be customized to meet community information systems needs.

Course work will develop a student's ability to communicate complex technical issues related to computer hardware, software, and networks in a manner that computer users can understand. Classes cover computer operations and terminology, operating systems, database, networking, security, and technical support.

Graduates should qualify for employment in entry-level positions with businesses, educational systems, and governmental agencies which rely on computer systems to manage information. Graduates should be prepared to sit for industry-recognized certification exams. In addition, employers usually look for people who have broad knowledge and experience related to computer systems and technologies, strong problem-solving and analytical skills, and good interpersonal skills.

Employment of computer information technology graduates is expected to grow much faster than the average for all occupations through the year 2014 as organizations continue to adopt and integrate increasingly sophisticated technologies. Job increases will be driven by very rapid growth in computer system design and related services, which is projected to be among the fastest growing industries in the U.S. economy. In addition, many job openings will arise annually from the need to replace workers who move into managerial positions or other occupations or who leave the labor force.

Optimum / Recommended Plan of Study

Semester 1 (Fall):

		Class	Lab	Credits
CIS 110	Introduction to Computers	2	2	3
ENG 111	Expository Writing	3	0	3
CIS 115	Introduction to Prog and Logic	2	2	3
NOS 110	Operating Systems Concepts	2	3	3
NET 110	Networking Concepts	2	2	3
	(NET 125 may substitute)			15

Semester 2 (Spring):

CTS 120	Hardware/Software Support	2	3	3
DBA 110	Database Concepts	2	3	3
CTS 115	Info Sys Business Concepts	3	0	3
NOS 130	Windows Single User	2	3	3
SEC 110	Security Concepts	3	0	3
	Mathematics Elective			3
				18

Summer:

ENG 114	Professional Research & Reporting	3	0	3
	(ENG 112 or ENG 113 may substitute)			
	Social/Behavioral Sciences Elective			3
				6

Semester 3 (Fall):

WEB 110	Intro to the Internet	2	2	3
NOS 230	Windows Admin I	2	2	3
CTS 285	Systems Analysis & Design	2	2	3
DBA 115	Database Applications	2	2	3
	(DBA 112 or DBA 120 may substitute)			
	Technical Electives			3
	Humanities/Fine Arts Elective			3
				18

Semester 4 (Spring):

COM 110	Introduction to Communication	3	0	3
	(COM 120 or COM 231 may substitute)			
CTS 289	Systems Support Project	2	2	3
ACC 120	Principles of Financial Accounting	3	2	4
CSC 134	C++ Programming	3	0	3
	(CSC 139 or CSC 151 may substitute)			
	Technical Electives			3
				16

Students must complete a minimum of 6 SHC of electives from the following course prefixes: COE**, CSC, WEB, CIS, CTS, DBA, NET, NOS, SEC.

** A maximum of 3 credit hours with COE prefix.

Total Credit Hours: 70

Use Information Technology To Get There!

FIRST STEP TO ENROLL:
Complete online admission form.

Consult a faculty advisor or College counselor prior to registration.

For More Information:
Consult Faculty Advisor in the Heading.

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