Associate in Science Degree

COMPUTER INFORMATION SYSTEMS

The Computer Information Systems program offers several options. The Technical Support option prepares students for employment as Technical Support Specialists or Help Desk Technicians.   The Networking/Advanced Internetworking option prepares students to work as Network Technicians or Network Administrators. The Information Security option prepares students for employment as Network Security Specialists.

CORE REQUIREMENTS

Department	*Number*	*Course Title*	*Credits*
CIS	105	Computer Operating Systems I	5
CS	101	Computers and Software	5
CIS	110	Introduction to Computer Security	3
CIS	206	Computer Support I	5
CIS	207	Computer Support II	5
			23

SPECIALTY REQUIREMENTS – Choose one option

Department	*Number*	*Course Title*	*Credits*
Option I - Technical Support			
CIS	205	Computer Operating Systems II	5
CIS	208	Computer Networking I	5
CIS	209	Computer Support III	5
OR		Total	**15**
Option II – Networking			
CIS	205	Computer Operating Systems II	5
CIS	208	Computer Networking I	5
CIS	212	Computer Networking II	5
CIS	213	Computer Networking III	5
CIS	214	Network Security I	5
OR		Total	**25**
Option III – Information Security			
CIS	205	Computer Operating Systems II	5
CIS	208	Computer Networking I	5
CIS	212	Computer Networking II	5
CIS	213	Computer Networking III	5
CIS	214	Network Security I	5
CIS	215	Network Security II	5
CIS	225	Computer Forensics	5
		Total	**35**

OR

Option IV – Advanced Internetworking			
CIS	205	Computer Operating Systems II	5
CIS	208	Computer Networking I	5
CIS	212	Computer Networking II	5
CIS	213	Computer Networking III	5
CIS	214	Network Security I	5
CIS	230	Computer Networking IV	5
CIS	231	Computer Networking V	5
CIS	232	Computer Networking VI	5
		Total	**40**
		Total Specialty	**15-40**

RELATED INSTRUCTION*/GENERAL EDUCATION REQUIREMENTS

Department	Number	Course Title	Credits
BUSAD or	170	Customer Service for Professionals (HR) Any SPCH course designated "OC"	3-5
ENGL or	101 105	Composition I (CM) Effective Communication for the Professions (CM)	5

MATH
  or
  or PHIL
	111
	
	112
		Methods for Problem Solving (CP)
		Any MATH course above 111
		Logic
			5

		Total	**13-15**

COOPERATIVE WORK EXPERIENCE/COMPUTER FIELD ELECTIVES

Department	Number	Course Title	Credits
CO-OP	190	Computer Field Cooperative Work Experience or approved equivalent	5
PSYCH or CO-OP	106 180	Job Finding Skills Preparing for Work-Based Learning Experience	2
Computer Field Electives - *Any course numbered above 100. Courses must be from the disciplines of Business Administration, Business Information Systems, Computer Science, Computer Information Systems, Mathematics, Science, Office Administration, Graphic Design, ENGL 205, or PHIL 112.*			
Electives for **Option I - Technical Support**			32
Electives for **Option II - Networking**			22
Electives for **Option III – Information Security**			12
Electives for **Option IV – Advanced Internetworking**			7
		Total	**14-39**

		TOTAL CREDITS	**90-92**

Students may enter the program at any quarter, but should be aware that some classes are offered only once a year.

Students should plan to complete required English and math courses within their first 30 credits of study.
CM = Communication, HR = Human Relations, CP = Computation