

Computer Technology

Computer Technology Associate in Applied Science

Mission Statement

The Associate of Applied Science Computer Technology degree program prepares students for entry-level computer technology positions. Emphasis throughout the program's duration is placed on effective computer and communication skills.

Entrance Requirements:

Acceptable ASSET or COMPASS score(s)

Type of Program:

Day, night or online

Type of Degree:

Associate degree

Employment Opportunities:

Technology services companies, internet service providers, insurance companies, hospitals, manufacturing firms, software development companies, other business and industry.

- The Computer Technology degree allows students to select an elective track from one of the following concentrations:
 - ☐ Programming – Web
 - ☐ Programming - Applications
 - ☐ Network Administration
 - ☐ System Administration
- The Programming - Web track trains students to design and develop dynamic web sites and web based applications.
- The Programming - Applications track trains students to design and develop computer applications using object-oriented languages and databases.
- The Network Administration track trains students for occupation in the field of network support. Students learn how to install and configure network devices such as routers and switches.
- The System Administration track trains students for occupations in the field of technical support and system administration. Students learn how to install, configure and maintain computer hardware including servers, and workstations.
- Computer Technology students must obtain a minimum grade of "C" in all CPT and IST courses.
- The Computer Technology program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP).
- Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule. Note, however, that many variables can affect this plan, and not every course is offered every semester. Please see your advisor to map out your own personalized progression toward graduation.

Recommended Program Schedule

First Semester

CPT	170	Microcomputer Applications	3.0
CPT	113	Information Systems	3.0
CPT	209	Computer Systems Management	3.0
CPT	257	Operating Systems	3.0
IST	220	Data Communications	3.0

Second Semester

ENG	101	English Composition I*	3.0
		or	
ENG	102	English Composition II*	
MAT	103	Quantitative Reasoning*	3.0
		or	
MAT	109	College Algebra with Modeling*	
		or	
MAT	110	College Algebra*	
		or	
MAT	120	Probability and Statistics*	
CPT	267	Technical Support Concepts	3.0
CPT	186	Visual Basic.Net I	3.0
		CPT Elective *	3.0
		CPT Elective *	3.0

Third Semester

IST	272	Relational Database	3.0
		CPT Elective *	3.0
		CPT Elective *	3.0
CPT	264	Systems and Procedures	3.0
SPC	205	Public Speaking	3.0
		or	
SPC	209	Interpersonal Communications*	

Fourth Semester

		CPT Elective *	3.0
		CPT Elective *	3.0
IST	260	Network Design	3.0
		or	
CPT	275	Computer Technology Senior Project	
		Social Science Elective	3.0
		Humanities/Fine Arts Elective	3.0

Total credit hours**63.0**

- Computer Technology students must select one track listed below and complete six (6) courses in the track to meet graduation requirements:

Programming Web – IST 237, IST 239 and CPT 238 or CPT 239 are required; choose three (3) from IST 227, IST 238, IST 240, IST 278, CPT 286

Programming Applications - CPT 286 and IST 278 are required; choose four (4) from CPT 187, CPT 234, CPT 236, CPT 237, CPT 238

Network Administration - IST 201, IST 202, IST 203, IST 204, IST 266, IST 295 (all required)

System Administration - IST 190, IST 191, IST 257, IST 258 are required; choose two (2) from IST 192, IST 193, IST 259