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
  - ❑ Network Systems Administration
- The Programming track trains students to design and develop computer applications using object oriented languages and databases.
- The Network System Administration track trains students for occupations in the field of technical support and network system administration. Students learn how to install, configure, secure, and maintain computer hardware including servers, work stations, and network devices.
- This program requires a minimum grade of "C" in all CPT and IST courses.
- Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule. 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	201	Cisco Internetworking Concepts	3.0

Second Semester

ENG	101	English Composition I*	3.0
		or	
ENG	102	English Composition II*	
MAT	103	Quantitative Reasoning*	3.0
		or other college transferable math	
CPT	186	Visual Basic.Net I	3.0
IST	266	Internet and Firewall Security	3.0
		CPT/IST Elective **	3.0

Third Semester

IST	272	Relational Database	3.0
CPT	264	Systems and Procedures	3.0
SPC	205	Public Speaking	3.0
		or	
SPC	209	Interpersonal Communications	
		CPT/IST Elective **	3.0
		Humanities/Fine Arts Elective *	3.0
		Social Science Elective *	3.0

Fourth Semester

IST	190	LINUX Essentials	3.0
CPT	267	Technical Support Concepts	3.0
CPT	275	Computer Technology Senior Project	3.0
		CPT/IST Elective **	3.0
		CPT/IST Elective **	3.0

Total credit hours   **63.0**

*General education course

** Student must choose one elective track and complete 4 courses from that track.

Elective Track A:
Network Systems Administration Track
Choose 4 courses:
IST	202	Cisco Router Configuration
IST	203	Advanced Cisco Router Configuration
IST	204	Cisco Troubleshooting
IST	257	LAN Network Server Technologies
IST	258	LAN Directory Services
IST	295	Fundamentals of Voice Over IP

Elective Track B:
Programming Track
Choose 4 courses:
CPT	236	Introduction to JAVA Programming
CPT	239	Active Server Pages
CPT	286	Visual Basic.NET II
IST	235	Handheld Computer Programming
IST	239	DTML and JavaScript
IST	278	Database Programming

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