PC SUPPORT / NETWORK TECHNOLOGY, AAS

Program Description

Information Technology refers to an entire industry involved in the use of computers and software to manage information.

In a large company the information technology department might be responsible for storing information, protecting information, processing the information, transmitting the information as necessary and later retrieving information as necessary.

PC Support/Network Technology specialization is designed to provide graduates with the skills necessary to troubleshoot and implement a course of action necessary to solve customer hardware and software problems, to implement and manage a local/wide-area network as well as support network users. The graduates will obtain the necessary skills to function in today's business world with particular emphasis on the centrality of information and its processing and distribution.

Careers in PC Support/Network Technology involve network analysis, planning and implementation, including design, installation, maintenance and management of network systems. Successful establishment and maintenance of information technology infrastructure is critical to the success of every organization. People with expertise in PC Support/Network Technology are in high demand for a variety of positions in organizations of all sizes and types.

Career Opportunities

Employment opportunities with this degree may include the following:

- Computer support specialists
- Data entry keyers
- Computer automated teller
- Office machine repairers
- Computer security specialists
- Medical appliance technicians
- Network and computer systems administrators
- Computer and information systems managers
- Computer operators
- Computer support specialists
- Computer hardware engineers
- Network systems and data communications analysts

Core INFO Electives

Students can select from the following electives to fulfill the INFO Electives within the PC Support/Networking Technology Associates Degree.

Code	Title	Credit Hours
INFO 1180	Intro to Programming (Python)	3.0
INFO 1410	JAVA Programming	3.0
INFO 1695	Web Design I	3.0
INFO 1696	Web Design II	3.0

Associate of Applied Science Degree - Information Technology

PC Support/Network Technology Emphasis

Suggested Sequence of Study

This specialization is designed to prepare the graduate with the skills necessary to implement and manage a local/wide area network. This degree enables the graduate to obtain employment in areas that may require knowledge and skills in network hardware and software administration and support. See Course Descriptions for specific information regarding industry standard certifications.

Course	Title	Credit Hours
First Semester Fall		
INFO 1000	Intro to Information Tech	3.0
INFO 1025	Operating Systems I (Partial preparation for Comp TIA's A+OS Exam 220-302)	3.0
INFO 1050	Networking Essentials	3.0
INFO 1200	Fund of Computer Hardware	3.0
MATH 1010	Intermediate Algebra (or higher level math course)	3.0
	Credit Hours	**15.0**
Second Semester Spring		
INFO 1010	Microcomputer Applications (Partial preparation for several MOS certifications)	3.0
INFO 1220	PC Troubleshooting /Repair (Partial preparation for Microsoft certification exam 70-271 and 70-272)	3.0
INFO 1620	Network Administration I (Partial Preparation for Microsoft certification exam 70-270)	3.0
INFO 2025	Operating Systems II (Partial preparation for Comp TIA's A+OS exam 270-302)	3.0
Oral Communication Requirement		3.0
	Credit Hours	**15.0**
Third Semester Fall		
INFO 1030	Database Concepts & Design	3.0
INFO 2600	Network Administration II (Partial Preparation for Microsoft certification exam 70-290)	3.0
INFO 2630	Security +	3.0
INFO Elective		3.0
Written Communication Requirement		3.0
	Credit Hours	**15.0**
Fourth Semester Spring		
INFO 1260	Customer Support/Help Desk (Partial Preparation for Comp TIA's Security + exam SYO-101)	3.0

INFO 2700	Administering Directory Services (Partial Preparation for Microsoft certification exam 70-217)	3.0
INFO 2900	Internship	3.0
INFO Elective		3.0
Social Science Requirement		3.0
	Credit Hours	**15.0**
	Total Credit Hours	**60.0**