

IT-NETWORK SPECIALIST

Associate Degree
10-150-2

The Network Specialist Associate of Applied Science Degree prepares students for a career in computer network support and integrated technology in order to meet business demands for information-sharing. Students receive training in network design, installation, troubleshooting, administration, security and management. After completing this program, the student will have covered basic topic areas needed for the MCSA, NET+, A+, Security+ and CCNA certifications.

Program Outcomes

- Implement computer networks
- Implement client systems
- Implement server operating systems
- Implement network security components
- Develop technical documentation
- Troubleshoot network systems
- Apply system analysis and design concepts
- Manage an Information Technology project from inception to implementation

Graduates Have Found Employment As

- Network Administrator
- Help Desk Specialist
- Network Support Specialist
- Technical Support Specialist
- Network Technician
- User Support Specialist
- Technical Consultant

View the entire course listing (<http://catalog.blackhawk.edu/courses>).

Semester 1		Credits
631-100	Microcomputer Fundamentals	3
631-101	PC Software Fundamentals	3
631-102	PC Peripherals and Troubleshooting	3
631-106	IT Customer Service Fundamentals	3
631-111	PC Hardware Assessment	1
801-195	Written Communication	3
Credits		16
Semester 2		
631-115	Network Fundamentals	3
631-116	Troubleshooting Shared Network Resources	3
150-132	IT-Project Management	3
801-196	Oral/Interpersonal Communication	3
804-133	Math and Logic	3
Credits		15

Semester 3		
150-127	Introduction to Enterprise Virtualization	3
150-128	Windows Enterprise Server Administration	3
150-117	Local Area Network Switching and Wireless	3
152-150	Systems Analysis and Design	3
809-198	Introduction to Psychology	3
Credits		15
Semester 4		
631-123	Malicious Software Fundmtls	3
150-118	Server and Data Center Virtualization	3
150-142	Advanced Local Area Network/Wide Area Network Topics	3
150-182	Information Technology Career Preparation	1
631-122	Service Support Techniques	1
809-196	Introduction to Sociology	3
Credits		14
Total Credits		60

General Education Courses Within Program

Code	Title	Credits
801-195	Written Communication	3
801-196	Oral/Interpersonal Communication	3
804-133	Math and Logic	3
809-196	Introduction to Sociology	3
809-198	Introduction to Psychology	3