



Computer Support and Network Specialist Certificate Program

Course Description

In the high tech world we live in, computer hardware and software support are two of the core competencies required for building the next generation of IT technologies. A+ Certification is an industry recognized credential that certifies the competency of PC Service Specialists. Network+ certification is an industry recognized credential that certifies the competency of candidates to install, configure and troubleshoot basic networking hardware, protocols and services. After completing this program, the student will have a working knowledge to build, repair, troubleshoot and configure a computer and its software, build the network and reduce systems-related issues within an organization. The students will learn how to configure and deploy the Windows 10 Operating System, how to manage the Windows environment and how to update and maintain Windows 10. Simulated test engines will help prepare the students for each CompTIA certification exam.

- CompTIA A+ Core 1: Exam 220-1001
- CompTIA A+ Core 2: Exam 220-1002
- CompTIA Network+: Exam N10-007

The following IT credentials will be conferred on all students who successfully complete all five exams:

A+ Certification

Network+ Certification

Admissions Requirements:

- A. Individuals applying for this course are required to have successfully completed the basics test for computers
- B. Present proof of education (high school diploma or GED certificate or in pursuit thereof)

Career Opportunities:

Computer Support and Network technicians are required for small, medium, large and multi-billion-dollar corporations, governments, and non-profit organizations to install, maintain, and repair computers and computer equipment which is vital to the operation of the organization. Computer Support and Network technicians are employed in areas such as: PC Repair, Computer Diagnostics, Deskside Support, Technical Support Representative, Network Cabling Technician, Cable Installer. Students will be eligible for technical and networking support jobs in corporate, government and non-profit organizations and jobs for desktop support, computer lab support, education and other business arenas.

Course Session Information

Class Session:	Day: 9:00am - 3:00pm → Mon - Thurs; Lunch 11:30pm - 12:30pm Breaks 15 min 10:15am and 1:45pm Night: 6:00pm - 9:00pm → Mon - Thurs Breaks 10 min 7:00pm and 8:005pm
Course Length:	140 hours: Day - 7 weeks Night - 12 weeks (w/ holidays)
Class Size:	Ratios up to 12 students per Instructor 1 student per computer

Tuition and Fees

In order to graduate, the student must complete the required hours for the course with a minimum overall average of 70. Upon satisfactory completion, the student will receive a Certificate of Completion



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Program Outline	Subject Title	Clock Hours			
		Lec	Lab	Ext	Total
COMS01	Computer Fundamentals	08	08	00	16
COMS02	Hardware Identification, Installation & Configuration	08	08	00	16
COMS03	Operating System Introduction, Installation & Configuration	08	08	00	16
COMS04	Customizing & Optimizing the Operating System	08	08	00	16
COMS05	Threats, Hardening Systems & Security	08	08	00	16
COMS06	Troubleshooting & Troubleshooting Methods	08	04	00	12
COMS07	A+ Certification Test Prep	08	00	00	08
COMS08	Networking Elements, Software & Hardware	04	04	00	08
COMS09	TCP/IP Models	04	00	00	04
COMS10	TCP/IP, Protocols & Sockets	04	04	00	08
COMS11	Network Design, Configuration & Maintenance	04	04	00	08
COMS12	Network Troubleshooting & Security	04	04	00	08
COMS13	Network+ Certification Test Prep	04	00	00	04
	TOTALS	80	60	00	140