



# Computer Repair/A+ Certification Program (CRTC5)

## PROGRAM DESCRIPTION:

This program is designed to prepare participants for careers and work as computer technicians. The program combines "hands on" repair work, computer based tutorials and lab time. The training is also designed to prepare the participants to take and pass the A+ Certification exams. This program is 600 Clock hours, 24 Weeks.

## CURRICULUM GUIDE

### NOCR-PCR02 - Computer Repair/A+ Certification

The Computer Repair Training program is the first step for individuals seeking to advance in the technology job market. Individuals with computer repair and A+ Certification can expect to find employment as a technical support representative or repair technician in the growing technology job market. This is a 600 hour course which leads to an industry credential.

1. Basic Introduction to Computer Technology	25 hrs.
PC Tech, Procedures, The PC	25 hrs.
Windows OS, Processors, RAM Technologies	25 hrs.
BIOS, System Buses, Motherboards	25 hrs.
Power Supplies, Hard Drives and Implementation	25 hrs.
Removable Media, Installing Windows, Command Line	25hrs.
Windows Security, Troubleshooting , Input Output	25 hrs.
Multimedia Devices, Laptops	25 hrs.
Printing, Wireless, LAN technologies	25 hrs.
Internet Security, PC Technician	25 hrs.
2. Chapter Tests and Review The A+ certification exams are tests covering the knowledge of hardware, soft are, technology principles, setup and installation of PC related products. The tests are designed to test the competency of individuals seeking to enter the field of PC Technician or Network IT Support.	75 hrs.
3. Windows 7 Support & Test Prep	100 hrs.
4. A+ Network	25 hrs.
OSI Model, Topologies	25 hrs.
Ethernet Specs, IP Addressing, Routing	25 hrs.
Routing Protocols, VLAN's, Switches	25 hrs.
Wireless Technologies, Hardware, Security	25 hrs.
Commands, Software Tools	25 hrs.
Network Troubleshooting & Management	25 hrs.
5. A+ Network Test Prep	50 hrs.
	<b>600 hrs.</b>

This information complies with the US Department of Education's Gainful Employment Programs disclosure requirement. Gainful employment completions are based on the number of completers in non-credit Workforce Development Career Credential training programs. Programs with 10 or less completers will not have % on-time completions or median debt reported in order to prevent the unintentional disclosure of student identity.

[http://mcc.edu/gainful\\_employ\\_disclosure/ged\\_clockhr.php?pgtitle=Computer%20Repair%2FA%2B%20Certification&certcode=CRTC5](http://mcc.edu/gainful_employ_disclosure/ged_clockhr.php?pgtitle=Computer%20Repair%2FA%2B%20Certification&certcode=CRTC5)

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