

## Computer Maintenance Technician

### Certificate

35 Semester Hours

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#### General Education Requirements

COMM 101	Intro to Oral Communication	3 hrs.
MATH 109	College Algebra	4
Or		
TMAT 103	Technical Mathematics I	<u>4</u>
TOTAL		7

#### Core Requirements

CSCI 101	Intro to Computer Info Science	4
ELTC 102	DC Electronics	3
ELTC 103	AC Electronics	3
ELTC 206	Digital Electronics & Microprocessors	3
ELTC 207	Solid State Electronics	3
	Troubleshooting & Measurements	
NETW 150	Workstation Operating Systems	3
NETW 151	PC Hardware Maintenance & Repair	3
NETW 160	Introduction to Computer Networking	3
NETW 208	Data and Cabling Systems	<u>3</u>
TOTAL		28

#### Program Description

The Computer Maintenance Certificate is designed to prepare students for entry-level careers as computer technicians. The comprehensive program provides students with skills in electronic fundamentals, instrument usage, troubleshooting, basic computer skills and PC maintenance and repair skills. Students will be able to seek a variety of positions related to computer installation, maintenance, repair, and servicing. Students will be prepared with a body of knowledge sufficient to take the A+ certification exam. Upon the completion of this program, students may continue their study in the A.A.S. degree in Electronic Systems Technology.

#### Career Opportunities

Service departments of computer manufacturing firms, companies that sell computer maintenance services, and organizations with large computer installations, often employ computer maintenance technicians. The military is also a major employer.

#### Earning Power

In Illinois, the median wage for computer equipment repairers is \$14.60 per hour (\$2,530 per month).

Nationally, the median wage for computer equipment repairers is \$2,470 per month. Half of all computer equipment repairers earn between \$1,940 and \$3,180 per month.

In Illinois, faster than average growth is expected for this occupation through 2008. Computer equipment repairer is one of the 50 fastest growing occupations in the state. About 140 job openings are expected each year. Many people in Illinois are completing educational programs to qualify as computer equipment repairers. Competition may be strong in some areas of the state. Opportunities should be best for individuals with formal training.

Nationally, the number of jobs for computer equipment repairers is expected to grow much faster than average through the year 2008.

*NOTE: Career descriptions are based on information in Horizons Occupational Information.*

