



HIT
THE
TECHNICAL
HIGHWAY!

Ongoing developments in the computer industry are generating exciting new job opportunities every day. The proliferation of computer systems in the workplace has created a huge demand for people who can set up, repair, and maintain computers and their technological components. This course offers you the opportunity to achieve A+ certification — you'll be armed and ready to enter the workforce! Come and explore all that our dynamic Computer Technology and Repair Program has to offer.

Advanced college/trade school credit is available to qualifying students from the following institutions:



COURSE TITLE: COMPUTER TECHNOLOGY AND REPAIR

COURSE DESCRIPTION

This combined course is designed to prepare students with practical experiences and related theory leading to an entry-level position as a Computer Repair Technician. Students will learn how to use test equipment and software to troubleshoot and correct common personal computer problems. Students will receive the necessary instruction to prepare for the A+ Certification exam at the completion of the program. The A+ Certification is recognized industry-wide and represents six months of work-related experience. This course is also designed to give students core knowledge of information systems which include digital communication skills such as web design and development and project management. Students will also be given the opportunity to take Microsoft Technology Associate (MTA) Certification. This certification will demonstrate the student’s fundamental knowledge of hardware, IT infrastructure or software technology.

COURSE CONTENT

Basic Electricity	Operating Systems
Digital Electronics	System Boards
Electronic Circuit Troubleshooting	Input/Output Devices
Microprocessor Fundamentals	Data Storage
Computer Hardware	Printer Servicing
Hardware/Software Troubleshooting	Video Displays
Data Communications	Multimedia Hardware
Network Cabling	Preventive Maintenance
Customer Service	

EDUCATIONAL OPPORTUNITIES

Advanced College Standing
 Two Year Technical College
 Associate Degree or Certificate

CAREER OPPORTUNITIES

Computer Repair Technician
 Bench Tester
 Network Cable Technician
 Technical Representative
 Business Machine Repair Technician

SUGGESTED SUPPORTIVE COURSES

Algebra, English, Living Environment

Students enrolling in this program are expected to show proficiency in math and science by scoring a minimum of 75% on the Algebra Regents and a minimum of 75% on the Living Environment Regents.

ADDITIONAL INFORMATION

RELATED COURSES	Art, Design and Visual Communications, Computer Science and App Development, Engineering
COST	Workbook \$75
LENGTH OF COURSE.....	1 or 2 years
LOCATION	Gary D. Bixhorn Technical Center
CTE/ACADEMIC CREDIT	1 year = 1 credit ELA 2 years = 1 credit ELA (2 years = MAXIMUM 1 academic credit)
INDUSTRY CERTIFICATIONS	A+ Computer Repair Microsoft Technology Associate (MTA)

