

**Eastern WV Community & Technical College
Master Course Record**

Course Prefix and Number: IT 180
Course Title: PC Repair and Troubleshooting
Recommended Transcript Title: PC Repair and Troubleshooting
Date Approved/Revised: 3/3/09; 11/6/17
Credit Hours: 3 Contact hours per week (Based on 15 week term): Lecture: 3 Lab:
Prerequisite: None Corequisite: None Pre/Corequisite: None
Grading Mode: Letter Grade
Catalog Description: This course is designed to prepare students to perform routine maintenance and repairs on the PC. Emphasis will be on installation, maintenance, troubleshooting, upgrading, and repairing of PC's. Includes coverage of networking and client/server issues. Prepares student for the A+ Certification.
Course Outcomes: <ol style="list-style-type: none"> 1. Identify basic terms, concepts, functions, and operations of personal computer components 2. Identify common peripheral ports, associated cabling, and their connectors. 3. Identify hardware methods of upgrading system performance 4. Analyze common symptoms and problems associated with PC components and troubleshoot problems 5. Identify the purpose of various types of preventive maintenance products and procedures and discuss device protection 6. Install memory modules, system boards, processors, power supplies, adapter boards, storage devices, and multimedia devices
Implementation Cycle: Spring
Role in College Curriculum: (Check all that apply) <input type="checkbox"/> General Education Core (Specify category) <input checked="" type="checkbox"/> Technical Core: AAS and CAS in IT <input checked="" type="checkbox"/> Restricted Elective: CAS in Computer Applications Specialist <input type="checkbox"/> General Elective <input type="checkbox"/> Workforce Education <input type="checkbox"/> Other (Please specify)
Course Fee: None
Instructor's Qualifications: Bachelor's degree in information technology (IT) with two years of related work experience in IT field or Master's degree with 18 graduate hours in IT.

Expanded Course Description: This course gives students a hands-on learning environment in computer repair and prepares them for the CompTIA A+ core certification.

Prepared by: Seyed Mirkhani, division Chair for Business, Computer and Information Technology, 9/27/17

Approved Per LOT Minutes:

Dean of Teaching and Learning

Date