# CPMT - ELECTRONIC TECHNOLOGIES

**CPMT 1051  IT Essentials: PC Hardware and Software  6.4-12.8 Credit Hours  (64 to 128 Lec)**

**CPMT 1347  Computer System Peripherals  3 Credit Hours  (3 Lec, 1 Lab)**
Theory and practices involved in computer peripherals, operation and maintenance techniques, and specialized test equipment.
Course Type: Technical/Vocational Course

**CPMT 1351  IT Essentials: PC Hardware and Software  3 Credit Hours  (2 Lec, 2 Lab)**
An introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level information and communication technology (ICT) professionals. The curriculum covers the fundamentals of PC technology, networking, and security, and also provides an introduction to concepts addressed by Cisco and CompTIA A + certifications. Topics may adapt to changes in industry practices.
Course Type: Technical/Vocational Course

**CPMT 1403  Introduction to Computer Technology  4 Credit Hours  (4 Lec, 1 Lab)**
A fundamental computer course that provides explanation of the procedures to utilize hardware and software. Emphasis on terminology, acronyms, and hands-on activities.
Course Type: Technical/Vocational Course

**CPMT 1411  Introduction to Computer Maintenance  4 Credit Hours  (4 Lec, 1 Lab)**
An introduction to the installation, configuration, and maintenance of a microcomputer system. (Formerly ETEC 2452).
Course Type: Technical/Vocational Course

**CPMT 1447  Computer System Peripherals  4 Credit Hours  (3 Lec, 2 Lab)**
Theory and practices involved in computer peripherals, operation and maintenance techniques, and specialized test equipment. (Formerly ETEC 2453) Prerequisite: CPMT 1411.
Course Type: Technical/Vocational Course

**CPMT 1449  Computer Networking Technology  4 Credit Hours  (4 Lec, 1 Lab)**
Networking fundamentals, terminology, hardware, software, and network architecture. Includes local/wide area networking concepts and networking installations and operations. (Formerly ETEC 2463) Prerequisite: CPMT 1403.
Course Type: Technical/Vocational Course

**CPMT 2302  Home Technology Integration  3 Credit Hours  (2 Lec, 4 Lab)**
A study of integration and maintenance of various home technology subsystems.
Course Type: Technical/Vocational Course

**CPMT 2445  Computer System Troubleshooting  4 Credit Hours  (4 Lec, 1 Lab)**
Principles and practices involved in computer system troubleshooting techniques and repair procedures including advanced diagnostic test programs and the use of specialized test equipment. Prerequisite: CPMT 1411 and CPMT 1449
Course Type: Technical/Vocational Course

**CPMT 2449  Advanced Computer Networking Technology  4 Credit Hours  (4 Lec, 1 Lab)**
Network technology with emphasis on network operating systems, network connectivity, hardware, and software. Includes implementation, troubleshooting, and maintenance of LAN and/or WAN network environments. Prerequisite: CPMT 1449.
Course Type: Technical/Vocational Course