

Computer Maintenance Technology

Associate of Applied Science in Computer Maintenance Technology – Tech Prep–MT2

This Tech Prep Program is designed to prepare students with concepts and skills required for entry-level employment into computer support and maintenance careers. Completion prepares the student with CISCO routing skills.

| FIRST SEMESTER | | SCH |
|----------------|-------------------------------------------------------|-----------|
| — | CETT 1325 Digital Fundamentals | 3 |
| — | CPMT 1449 Computer Networking Technology | 4 |
| — | ITSC 1309 Integrated Software Applications I | 3 |
| — | CPMT 1411 Introduction to Computer Maintenance | 4 |
| — | TECM 1341 Technical Algebra | 3 |
| | | 17 |

| SECOND SEMESTER | | SCH |
|-----------------|---------------------------------------------|-----------|
| — | CPMT 2445 Computer System Troubleshooting | 4 |
| — | TECM 1349 Technical Math Applications | 3 |
| — | ITCC 1401 Exploration: Network Fundamentals | 4 |
| — | ----- Elective* | 3 |
| — | ----- Humanities/Fine Arts | 3 |
| | | 17 |

| THIRD SEMESTER | | SCH |
|----------------|---------------------------------------------------------------|-----------|
| — | ITCC 1404 Cisco 2: Routing Protocols & Concepts | 4 |
| — | ENGL 1301 English Composition I | 3 |
| | or | |
| — | BUSI 1304 Business Report Writing & Correspondence | 3 |
| — | ----- Social/Behavioral Science | 3 |
| — | ----- Elective* | 3 |
| | | 16 |

| FOURTH SEMESTER | | SCH |
|-----------------------------------------------|-------------------------------------|-----------|
| — | ----- Natural Science | 4 |
| — | CPMT ----- Capstone Course** | 4 |
| — | ----- Elective* | 4 |
| | | 12 |
| Total Semester Credit Hours for Degree | | 62 |

* Electives should be chosen from ITCC or other IT courses for network maintenance and/or web page concentration.
 ** The capstone experience will be assigned by the Lead Instructor as CPMT 2449 or CPMT 2488.

Certificate of Completion in Computer Maintenance Technology–MT1

| FIRST SEMESTER | | SCH |
|----------------|------------------------------------------------|-----------|
| — | CETT 1325 Digital Fundamentals | 3 |
| — | TECM 1341 Technical Algebra | 3 |
| — | CPMT 1449 Computer Networking Technology | 4 |
| — | CPMT 1411 Introduction to Computer Maintenance | 4 |
| | | 14 |

| SECOND SEMESTER | | SCH |
|----------------------------------------------------|---------------------------------------------|-----------|
| — | CPMT 2445 Computer System Troubleshooting | 4 |
| — | TECM 1349 Technical Math Applications | 3 |
| — | ITCC 1401 Exploration: Network Fundamentals | 4 |
| — | CPMT ----- Capstone Experience* | 4 |
| | | 15 |
| Total Semester Credit Hours for Certificate | | 29 |

* The Capstone experience will be assigned by the Lead Instructor as CPMT 2449 or 2488.

Certificate of Completion in Network Maintenance Technology–NET1

| FIRST SEMESTER | | SCH |
|----------------|------------------------------------------------|----------|
| — | ITCC 1401 Exploration: Network Fundamentals | 4 |
| — | CPMT 1411 Introduction to Computer Maintenance | 4 |
| | | 8 |

| SECOND SEMESTER | | SCH |
|-----------------|-------------------------------------------------------------|-----------|
| — | CPMT 1449 Computer Networking Technology | 4 |
| — | ITCC 1404 Cisco Exploration 2: Routing Protocols & Concepts | 4 |
| — | CPMT 2445 Computer System Troubleshooting | 4 |
| | | 12 |

| THIRD SEMESTER | | SCH |
|----------------------------------------------------|-----------------------------------------------------------|-----------|
| — | CPMT 2449 Advanced Computer Networking Technology* | 4 |
| — | ITCC 2408 Cisco Exploration 3: LAN Switching & Wireless | 4 |
| — | ITCC 2410 Cisco Exploration 4: Accessing the WAN | 4 |
| | | 12 |
| Total Semester Credit Hours for Certificate | | 32 |

* Students should plan to take this capstone course in their last semester and should speak to their advisor prior to registering for the final semester.

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester. Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. Core and Field of Study courses are shown in bold and underline type.

✦ Students completing a high school Tech Prep Program may receive credit for indicated courses.