# COMPUTER NETWORKING TECHNOLOGY FUNDAMENTALS

**Certificate of Completion**
**#41601**

This program covers the fundamentals of computer networking technology. These core courses provide the necessary skills for those seeking entry-level employment as computer service technicians without areas of specialization. General topics include personal computer servicing, troubleshooting, computer operating systems, and personal computer troubleshooting. This fundamentals certificate will prepare students with the requisite knowledge for subsequent Computer and Networking Technology certificates. The courses in the fundamentals certificate approach computer repair from a hardware-first perspective, as distinct from other programs with a software or applications emphasis. This focus reflects the department's core belief that a solid understanding of electronics reinforces the necessary knowledge and skills to troubleshoot and repair computing equipment.

**Program Learning Outcomes**

- Students will gain employment in an introductory level position in the computer networking technology sector.
- Students will demonstrate job readiness skills.
- Students will progress through the computer networking technology career ladder by enrolling in further computer networking technology courses or programs.

Review Student Learning Outcomes (SLOs)  (http://www.mtsac.edu/instruction/outcomes/sloinfo.html)for this program.

**Required Courses**

| Course Prefix | Course Name | Units |
| --- | --- | --- |
| VOC CNT50 | Personal Computer (PC) Servicing | |
| VOC CNT52 | PC Operating Systems | |
| VOC CNT54 | PC Troubleshooting | |