

# VOC: COMPUTER AND NETWORKING TECHNOLOGY

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## #24059

This certificate is intended to prepare students to enter the computer and networking fields as service technicians with foundations in basic electricity and electronics, operating systems, computer service and troubleshooting, and preparation for the A+ certification examination.

### Program Learning Outcomes

- Students will be employed or seeking employment in the field or a related field.
- Students will be technically competent.
- Students will employ polar and/or rectangular notation to determine the magnitude and phase shift of an unknown circuit parameter (voltage, current, impedance, and/or power).

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

### Required Courses

VOC CNT50	PC Servicing
VOC CNT52	PC Operating Systems
VOC CNT54	PC Troubleshooting
VOC CNT60	A+ Certification Preparation
VOC EL11	Technical Applications in Microcomputers or VOC CSB15 Microcomputer Applications
VOC EL50A	Electronic Circuits (DC)
VOC EL50B	Electronic Circuits (AC)
VOC EL56	Digital Electronics