

VOC: ELECTRONICS TECHNOLOGY

#24073

This one-year program covers the fundamentals of electronics technology. These core courses provide the necessary skills for those seeking entry-level employment as electronics technicians without areas of specialization. A course in customer-relations training is also included.

Program Learning Outcomes

- Students will be technically competent.
- Students will be employed or seeking employment in the field or a related field.
- 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 EL11	Technical Applications in Microcomputers
VOC EL12	Computer Simulation and Troubleshooting
VOC EL50A	Electronic Circuits (DC)
VOC EL50B	Electronic Circuits (AC)
VOC EL51	Semiconductor Devices & Circuits
VOC EL56	Digital Electronics
VOC EL61	Electronic Assembly and Fabrication
VOC TCH60	Customer Relations for the Technician

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