

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

Course Prefix	Course Name	Units
VOC EL11	Technical Applications in Microcomputers	
VOC EL12	Computer Simulation and Troubleshooting	
VOC EL50A	Electronic Circuits - Direct Current (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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