

VOC: ELECTRONIC SYSTEMS TECHNOLOGY - LEVEL 2

#24416

This Level 2 certificate builds on the skills and concepts learned in level 1 and adds customer relations (soft skills) and the installation, calibration, setup, maintenance and troubleshooting of home theater systems, home automation and home security systems.

Program Learning Outcomes

- Students will demonstrate technical competence in the areas of home security, home theater, and consumer electronic device repair.
- Students will be employed or seeking employment in the field or a related field.

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

Required Courses

Certificate Requirements:

Completion of the Electronic Systems Technology - Level 1 Certificate coursework

PLUS

Completion of the Electronic Systems Technology - Level 2 coursework

Required Courses

Electronic Systems Technology - Level 1 Coursework

VOC EST50	Electrical Fundamentals for Cable Installations
VOC EST52	Fabrication Techniques for Cable Installations
VOC EST54	Cable and Wiring Standards
VOC EL11	Technical Applications in Microcomputers or VOC CSB1 Microcomputer Applications

Electronic Systems Technology - Level 2 Coursework

VOC EST56	Home Theater, Home Integration & Home Security Systems
VOC EST62	Electronic Troubleshooting 1
VOC TCH60	Customer Relations for the Technician
VOC EST64	Electronic Troubleshooting 2

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