

# VOC: AUTOMOTIVE WELDING, CUTTING, & MODIFICATION

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## #24406

Prepares students for entry-level employment as a licensed welder with additional skills development and theory in automotive welding, cutting and modification. Coursework prepares students for industry licensing with emphasis on competencies required for certification in structural steel welding and specialty skills in automotive welding.

### Program Learning Outcomes

- Students will be employed or seeking employment in the field or a related field.
- Students will be technically competent.
- Students will perform the required practical projects used in GMAW welding and cutting.

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

### Required Courses

VOC WL40	Introduction to Welding
VOC WL50	Oxyacetylene Welding
VOC WL51	Basic Electric Arc Welding
VOC WL53A	Welding Metallurgy
VOC WL60	Print Reading and Computations for Welders
VOC WL70A	Beginning Arc Welding
VOC WL70B	Intermediate Arc Welding
VOC WL70C	Certification for Welders
VOC WL80	Construction Fabrication and Welding
VOC WL81	Pipe and Tube Welding
VOC WL91	Automotive Welding, Cutting and Modification