

# VOC: MASTERCAM

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## #24212

This certificate provides a strong background in MasterCAM 2-D and 3-D, and SolidWorks software packages along with the necessary machine shop theory and practice to input sound functional data into the CAM system.

### Program Learning Outcomes

- Students will be employed or seeking employment in the field or a related field.
- Students will be technically competent.
- Students will demonstrate the ability to create a toolpath for an industry representative part from a 2D print using CAM software.

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

### Required Courses

Course Prefix	Course Name	Units
VOC MF11	Manufacturing Processes 1	
VOC MF38	MasterCAM 1	
VOC MF38B	Advanced MasterCAM	
VOC MF85	Manual CNC Operations	