# CAD TECHNICIAN (CERTIFICATE E0426)

## Technology and Health Division

#### Certificate E0426

Provides students with the most current two-dimensional (2D) and threedimensional (3D) computer aided design (CAD) skills required in the manufacturing, design, and engineering disciplines. These skills also provide a platform for students to learn, understand, and build other related skills such as drafting, mechanical design, part inspection and computer-aided machining (CAM) software, which requires input from a CAD system, and is required to operate computer numerical control (CNC) machine tools.

### **Required Courses**

Course Prefix	Course Name	Units
MFG 110	Introduction to CAD	4
MFG 120	CAD for Manufacturing	4
MFG 210	Advanced CAD	3
Total Units		11

#### **Program Learning Outcomes**

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