

CAD TECHNICIAN (CERTIFICATE E0426)

Technology and Health Division

Certificate E0426

Provides students with the most current two-dimensional (2D) and three-dimensional (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.