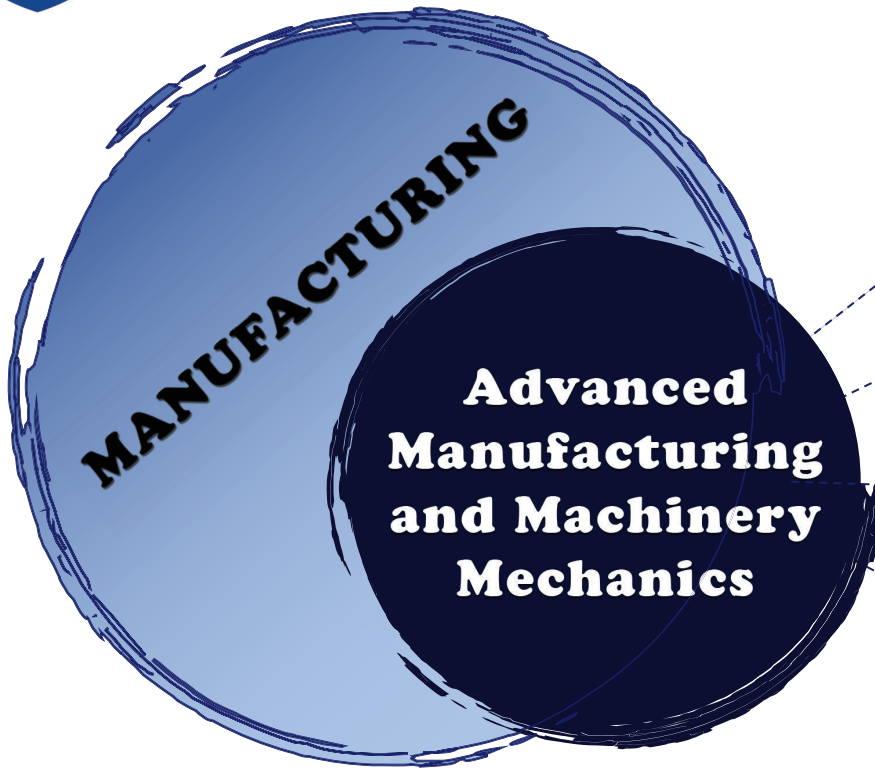




***Math & Science requirements must be met
for STEM Endorsement**



Level 1

**Principles of Applied
Engineering**

Level 2

**Engineering Design
and Presentation I**

Level 3

Robotics I

Level 4

Robotics II

Certified SOLIDWORKS Associate (CSWA) Industry Based Certification Offered

The Advanced Manufacturing and Machinery Mechanics program of study focuses on the assembly, operation, maintenance, and repair of electromechanical equipment or devices. Students may work in a variety of mechanical fields, gaining knowledge and experience in robotics, refinery and pipeline systems, deep ocean exploration, or hazardous waste removal. CTE concentrators may work in a variety of fields of engineering.

The Manufacturing Career Cluster focuses on planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.

Occupations	Median Wage	Annual Openings	% Growth
Electro-Mechanical Assemblers	\$30,160	951	9%
Electro-Mechanical Technicians	\$56,555	127	9%
Industrial Machinery Mechanics	\$49,816	3,788	27%

**For more information on postsecondary options for this program of study,
visit TXCTE.org.**