



The Manufacturing Technology program of study focuses on the development and use of automatic and computer controlled machines, tools, and robots that perform work on metal or plastic. Students learn how to set up and operate a variety of machine tools to produce precision parts and instruments. Students will also learn how to modify parts to make or repair machine tools or maintain individual machines, and how to use hand-welding or flame-cutting equipment.

Certifications

Machining Measurement, Material, & Safety Level I

Work-Based Learning

Apprenticeships with Local Businesses
American Welding Society

CTSO

Skills USA



Exploration

Mechanics & Metal Technologies
Principles of Manufacturing



Application

Practicum in Manufacturing



Investigation

Precision Metal Manufacturing I



Preparation

Precision Metal Manufacturing II

Connected Occupations

Occupation	Median Wage	Annual Openings	% Growth
Mechanical Engineering Technicians	\$57,117	453	9%
CNC Machine Operators	\$39,250	1,319	12%
Aerospace Engineering & Operations Tech	\$60,757	114	9%
Electrical and Electronics Engineering Tech	\$60,382	1,439	9%
Industrial Engineering	\$61,672	362	9%