

Level 1 ‡ Principles of Manufacturing

Principles of Applied Engineering

Blueprint Reading for Manufacturing Applications

Level 2 ‡ Diversified Manufacturing I

‡ Occupational Safety and Environmental Technology I

Metal Fabrication and Machining I

Level 3 ‡ Diversified Manufacturing II

‡ Occupational Safety and Environmental Technology II

Computer Integrated Manufacturing (PLTW)

Precision Metal Manufacturing I

Metal Fabrication and Machining II

Level 4 ‡ Precision Metal Manufacturing II

Precision Metal Manufacturinky + Precisio Metal

Manufacturing II Lab

Occupational Safety and Environmental Technology III

Practicum in Manufacturing

Practicum in Manufacturing Extended Practicum in

Manufacturing

Career Preparatiofor Programs of Study

Career Preparatiofor Programs of StudyExtended

Career Preparation

Dual Credit Dual credit offerings will vary by Local Education Agency.

‡ Shadow a metallurgist working at a refinery, steel mill, or aircraft manufacturing company

‡ Intern at a manufacturing plant using CNC machines

‡ Tour a manufacturing facility

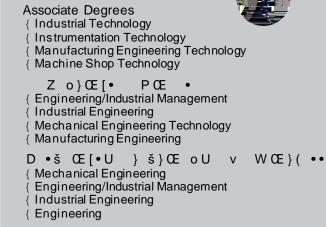
‡ Participate in SkillsUSA

AWS D1.1 Structural Steel AWS SENSE Level I: Entry Welder C-101 Certified Industry 4.0 Associat®asic

Operations

‡ C-103 Certified Industry 4.0 Associate

Machining Grinding Level I Machining Measurement, Material, and Safety Level I Machining Milling Level I Manufacturing Technology
NCCER Core
NCCER Welding Level I
Precision Machining Job Ready
Welding- Job Ready
Certified Logistics Technician (CLT) Certified TechnicianSupply Chain Automation (CT





Course	Prerequisites Core	equisites Career Clusters	

Principles of Manufacturing





Course	Prerequisites Corequisites	Career Clusters
Precision Metal Manufacturing II 13032600 (2 credits)	Prerequisites: Pre siion Metal Manufacturing I Z } u u v Corequisites: W CE] •] •] • D š o D v μ (š μ CE] v I Z } u u v W CE CE (μ] •] š • W E } v Z } u u v } CE (μ] •] š • W E } v	P // > Manufacturing
Precision Metal Manufacturing II + Precision Metal Manufacturing II Lab 13032610 (3 credits)	Prerequisites: Pre siion Metal Manufacturing I Corequisites: W Œ]•]}v D š o D v Z (} š µ Œ]v P // W Œ Œ ⟨µ₣•}}š • W Z }u u v }Œ ⟨µ]•]š • W E }v	

