



Curriculum Plan 2023-2024

Program: Precision Machining Technology

CTSO Primary: SkillsUSA 3

CTSO Secondary: SkillsUSA 3

Pathway: R7

WebXam: 28MC

Courses Offered

Level 1 Curriculum

Semester 1 Machine Tools

Semester 1 Machining With Industrial Lathes

Semester 2 Machining With Industrial Lathes

Semester 2 Manufacturing Operations

Level 2 Curriculum

Semester 1 Machining With Industrial Mills

Semester 2 Cnc Tec With Industrial Mills & Lathes

Level 2-Pre-Apprenticeship 2 Week Rotation Curriculum

Semester 1 Pre-apprenticeship

Semester 2 Pre-apprenticeship

Semester 1 Machining With Industrial Mills

Semester 2 Machining With Industrial Mills

Level 2-Advanced Placement Curriculum

Semester 2 Manufacturing Capstone

College Credits Available

Name	College	Semester Hours Available
CAM 1107 Principles of Manufacturing	Sinclair College	3
CAM 1109 Fundamentals of Tooling & Machining	Sinclair College	3
MET 1301 SolidWorks Basics	Sinclair College	4

Credentials Available

Name	ODE Points Available
Manufacturing Skill Standards Council (MSSC) Certified Production Technician (4 Modules)	12
Ohio Driver's License	1
Certified SolidWorks Associate (CSWA)	4
Certified Manufacturing Associate (CMfgA) Certification	3
Ohio State Apprenticeship Council Recognized Pre-Apprenticeship Program Certificate of Completion	12