



## Curriculum Plan 2024-2025

**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
Ohio Driver's License	1
Certified SolidWorks Associate (CSWA)	4
Ohio State Apprenticeship Council Recognized Pre-Apprenticeship Program Certificate of Completion	12