



## Curriculum Plan 2024-2025

**Program:** Pre-Engineering

**CTSO Primary:** SkillsUSA 2

**CTSO Secondary:** N/A

**Pathway:** F6

**WebXam:** 26MC

### Courses Offered

#### Level 1 Curriculum

Semester 1 Engineering Design

Semester 2 Manufacturing Operations

#### Level 2 Curriculum

Semester 1 Engineering Principles

Semester 2 Manufacturing Operations

### College Credits Available

Name	College	Semester Hours Available
CTEGT002 Engineering Graphics, ODE Course 175001 (Engineering Design)	CTAG	3
CTMET004 Manufacturing Processes, ODE Course 175003 (Manufacturing Processes), EGR 1128 Robotics in Computer Integrated Manufacturing (CIM) Systems	CTAG and Sinclair College	3
MET 1301 SolidWorks Basics	Sinclair College	4

### Credentials Available

Name	ODE Points Available
Autodesk Inventor Certified User Certification	4
AutoCad User	4
Certified SolidWorks Associate (CSWA)	4