



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 Certified User: Inventor	4
Autodesk Certified User: AutoCAD	4
Certified SolidWorks Associate (CSWA)	4