



Curriculum Plan 2025-2026

Program: Welding

CTSO Primary: SkillsUSA 3

CTSO Secondary: SkillsUSA 3

Pathway: R7

WebXam: 28MC

Courses Offered

Level 1 Curriculum

Semester 1 Shielded Metal Arc Welding

Semester 2 Gas Metal Arc Welding

Level 2 Curriculum

Semester 1 Flux Core Arc Welding

Semester 2 Gas Tungsten Arc Welding

Level 2-Pre-Internship 2 Week Rotation Curriculum

Semester 1 Pre-apprenticeship

Semester 2 Pre-apprenticeship

Semester 1 Flux Core Arc Welding

Semester 2 Flux Core Arc Welding

Level 2-Pre-Internship Half Day Curriculum

Semester 1 Pre-apprenticeship

Semester 2 Pre-apprenticeship

Semester 1 Flux Core Arc Welding

Level 2-Advanced Placement Curriculum

Semester 2 Manufacturing Capstone

Credentials Available

Name	ODE Points Available
American Welding Society (AWS) - Welding Qualification (SMAW)	9
Ohio State Apprenticeship Council Recognized Pre-Apprenticeship Program Certificate of Completion - Manufacturing	12
American Welding Society (AWS) - Welding Qualification (FCAW)	9
Ohio Driver's License (Self Obtained)	1
Ohio State Apprenticeship Council Recognized Pre-Apprenticeship Program Certificate of Completion	12