

Curriculum Evaluation

Welding Technology

Certificate of Program Completion (Catalog Year: 2026, Required Hours: 720, Credits: 24)

Core (Required Hours: 570, Credits: 19)

<i>Entry Level Welding Technician (Required Hours: 570, Credits: 19)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
TEWT 1000	Introduction to Welding and Cutting	2.00	60.00	1	
TEWT 1311	Gas Metal Arc Welding (GMAW) I	2.00	60.00	1	
TEWT 1111	Shielded Metal Arc Welding (SMAW) I	2.00	60.00	1	
TEWT 1010	Measurement Systems	1.00	30.00	1	
TEWT 1312	Gas Metal Arc Welding (GMAW) II	2.00	60.00	1	
TEWT 1112	Shielded Metal Arc Welding (SMAW) II	2.00	60.00	1	
TEWT 1411	Flux Cored Arc Welding (FCAW) I	2.00	60.00	1	
TEWT 1045	Inspection, Metallurgy, and Blueprints	2.00	60.00	1	
TEWT 1211	Gas Tungsten Arc Welding (GTAW) I	2.00	60.00	1	
TEWT 1212	Gas Tungsten Arc Welding (GTAW) II	2.00	60.00	1	

Electives (Required Hours: 150, Credits: 5)

<i>Welding Technology (Required Hours: 150, Credits: 5)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
TEWT 1008	Welding for Manufacturing	2.00	60.00	1	
TEWT 1050	Oxy Fuel Welding and Brazing Lab	2.00	60.00	1	
TEWT 1150	Shielded Metal Arc Welding (SMAW) Certification Preparation	1.00	30.00	1	
TEWT 1335	Aluminum Gas Metal Arc Welding (GMAW)	1.00	30.00	1	
TEWT 1350	Gas Metal Arc Welding (GMAW) Certification Preparation	1.00	30.00	1	
TEWT 1450	Flux Cored Arc Welding Gas Shielded: AWS Certification Preparation	1.00	30.00	1	
TEWT 1800	Welding Sculpture I	2.00	60.00	1	
TEWT 1810	Welding Sculpture II	2.00	60.00	1	
TEWT 1820	SkillsUSA Preparation	2.00	60.00	1	
TEWT 1900	Welding Skill Practice	1.00	30.00	1	
TEWT 1905	Welding Skills Practice II	1.00	30.00	1	
TEWT 1910	Welding Skills Practice III	1.00	30.00	1	
TEWT 1915	Welding Skills Practice IV	1.00	30.00	1	
TEWT 1920	Welding Skill Practice V	1.00	30.00	1	
TEWT 1925	Welding Skills Practice VI	2.00	60.00	1	
TEWT 2000	Advanced Welding Processes	1.00	30.00	1	
TEWT 2010	Welding Special Projects I	2.00	60.00	1	
TEWT 2020	Welding Special Projects II	2.00	60.00	1	
TEWT 2030	Welding Special Projects III	2.00	60.00	1	

Additional Electives (Required Hours: 1)

<i>Welding Technology (Required Hours: 1)</i>		Credits	Hours	Modules	Prerequisite Course Number(s)
TEWT 0000	Welding Technology Orientation	0.00	1.00	1	