



Welding: Intermediate Pipe and Plate Tig Welder Certificate

2018–2019

DESCRIPTION:

Students who complete the Intermediate Welder Certificate and are looking to begin specializing in round or flat work as an AWS Certified Welder require more in-depth training. The Intermediate Pipe and Plate TIG Welder Certificate provides this necessary training and the ability to enter the workforce as an advanced GTAW Welder. Individuals already working in the welding industry, which have never had an opportunity to formalize their training by learning the fundamentals and theories of welding will also benefit greatly from this Intermediate Pipe & Plate TIG Welder technical training. For more information, see csc.edu/sktr.

ADMISSION REQUIREMENTS:

This is a non-selective, open-admission program. Students may begin this certificate during any semester.

ONGOING REQUIREMENTS:

Students must maintain the minimum GPA required by the College.

OPPORTUNITIES FOR GRADUATES:

Career:

Some common job titles include aluminum welder, fabrication welder, fitter/welder, and maintenance welder.

Transfer:

Students who complete the Welding Intermediate Pipe and Plate TIG Welder certificate will have most of the courses apply to the A.A.S. degree in Welding.

CERTIFICATE REQUIREMENTS (WELDING: INTERMEDIATE PIPE & PLATE TIG WELDER CERTIFICATE):**FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
SKTR 1180 Welding: Introduction to Stick	AU/SP	2	
SKTR 1280 Welding: OxyFuel Methods & Plasma Cutting	AU/SP	2	
SKTR 1380 Welding: Introduction to MIG	AU/SP	2	
ENGT 1115 Engineering Graphics	AU/SP	3	
Semester Credits		9	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
SKTR 1470 Welding: Layout & Fit Up	AU/SP	2	
SKTR 1480 Welding: Specifications & Drawings	SP	2	
ESSH 1170 OSHA 10 HR Gen. Ind. Safety	On Demand	1	
SKTR 1580 Welding: Intro to TIG Processes	AU	3	
Semester Credits		8	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
SKTR 2080 Welding: Intermediate Stick & MIG	AU/SP	2	
MATH 1101 Mathematics for Applied Tech & Construction Sciences	SP	3	
Semester Credits		5	

FOURTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
SKTR 1770 Welding: GTAW Plate	AU/SP	3	
SKTR 2070 Welding: GTAW Pipe	SP	3	
SKTR 2780 Welding: Certification Preparation	SU	1	
Semester Credits		7	
Total		29	

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester
 Requirements subject to change.