



Welding: Intermediate Pipe I Welder Certificate

2018–2019

DESCRIPTION:

Students who complete the Intermediate Welding Certificate and are looking to begin specializing in round work as an AWS-certified Welder require more in-depth training. The Intermediate Pipe I Welder Certificate provides this necessary training and the ability to enter the workforce as an advanced SMAW Pipe Welder. Individuals already working in the welding industry who 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 I Welder Certificate technical training. The Intermediate Pipe I Welder Certificate prepares a person for the AWS S.E.N.S.E. Level 2 Certification. 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 braze operator, fabricator, finishing technician, fitter-welder, machine operator, MIG welder, operator, robot operator, spot welder, and technical associate (TA).

Transfer:

Students who complete the Intermediate Pipe I Welder Certificate will have most of the courses apply to the A.A.S. degree in Welding.

CERTIFICATE REQUIREMENTS (WELDING: INTERMEDIATE PIPE I WELDER CERTIFICATE):**FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
SKTR 1180 Welding: Introduction to Stick	AU/SP/SU	2	
SKTR 1380 Welding: Introduction to MIG	AU/SP	2	
ENGT 1115 Engineering Graphics	AU/SP/SU	3	
Semester Credits		7	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
SKTR 1470 Welding: Layout & Fit Up	AU/SP	2	
SKTR 1480 Welding: Specifications & Drawings	AU/SP	2	
SKTR 2080 Welding: Intermediate Stick & MIG	AU/SP	2	
ESSH 1170 OSHA 10 HR Gen. Ind. Safety	On Demand	1	
Semester Credits		7	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
SKTR 2180 Welding: Intermediate Applications I	AU/SP	2	
SKTR 2185 Welding: Intermediate Applications II	AU/SP	2	
MATH 1101 Mathematics for Applied Tech & Construction Sciences	AU/SP/SU	3	
Semester Credits		7	

FOURTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
SKTR 2370 Welding: SMAW Pipe I	AU/SP	3	
SKTR 2470 Welding: SMAW Pipe II	AU/SP	3	
SKTR 2780 Welding: Certification Preparation I	SU	1	
Semester Credits		7	
Total		28	

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