

Welding Technology Diploma (D50420) - 43-44 Credit Hours

2022-2023

Fall – 1 st Year				
Course No.	Course Name	Lec	Lab	Credit
WLD 110	Cutting Processes (A)	1	3	2
WLD 115	SMAW (Stick) Plate (A)	2	9	5
WLD 121	GMAW (MIG) FCA W/Plate	2	6	4
WLD 131	GTAW (TIG) Plate (A)	2	6	4
WLD 141	Symbols & Specifications (A)	2	2	3
Total				18

Spring – 1 st Year				
Course No.	Course Name	Lec	Lab	Credit
WLD 116	SMAW (stick) Plate/Pipe	1	9	4
WLD 122	GMAW (MIG) Plate/Pipe	1	6	3
WLD 132	GTAW (TIG) Plate/Pipe	1	6	3
WLD 151	Fabrication I	2	6	4
	Mathematics Elective			3-4
Total				17-18

Summer – 1 st Year				
Course No.	Course Name	Lec	Lab	Credit
ENG 111	Writing and Inquiry	3	0	3
WLD 261	Certification Practices *	1	3	2
CIS 110	Introduction to Computers (A) <i>or</i> <i>Choose one of the following groups:</i>	2	2	3
WBL 110	World of Work <i>and</i> **	0	0	1
WBL 111	Work-Based Learning I <i>and</i> **	0	10	1
WBL 115	Work-Based Learning Seminar I **	1	0	1
	<i>or</i>			
WBL 112	Work-Based Learning I <i>and</i> **	0	20	2
WBL 115	Work-Based Learning Seminar I **	1	0	1
Total				8

It is strongly recommended to take courses in bold.

- *** - Designates class preparing students to sit for the hands-on AWS certification exams covering plate and pipe, in the processes of GMAW, SMAW, or GTAW.
- (A)** – Students may receive credit for this course by successfully completing the articulated non-credit course, or submitting evidence of an articulated industry certification.
See: <https://spcc.edu/credit-articulation-at-spcc/>
- **** – Students must speak with the Director of Work-Based Learning before selecting WBL courses.