

Academic Program Map

Isothermal Community College

Program: Welding Technology (Diploma)

Career Cluster(s): Industry

Fall 1

Term	Course ID	Course Name	Credits
1st 8 Weeks	ENG 111	Writing and Inquiry	3
1st 8 Weeks	WLD 121	GMAW (MIG) FCAW/Plate	4
2nd 8 Weeks	MAT 110	Mathematical Measurement and Literacy	3
2nd 8 Weeks	WLD 122	GMAW (MIG) Plate/Pipe	3
16 Weeks	WLD 110	Cutting Processes	2

Semester Total: 15 Credits

Spring 1

Term	Course ID	Course Name	Credits
1st 8 Weeks	WLD 115	SMAW (Stick) Plate	5
2nd 8 Weeks	WLD 116	SMAW (stick) Plate/Pipe	4

Semester Total: 9 Credits

Summer 1

Term	Course ID	Course Name	Credits
1st 8 Weeks	WLD 141	Symbols and Specifications	3
1st 8 Weeks	WLD 143	Welding Metallurgy	2

Semester Total: 5 Credits

Fall 2

Term	Course ID	Course Name	Credits
1st 8 Weeks	WLD 131	GTAW (TIG) Plate	4
1st 8 Weeks	WOL 110	Basic Construction Skills	3
2nd 8 Weeks	BPR 111	Print Reading	2
2nd 8 Weeks	WLD 132	GTAW (TIG) Plate/Pipe	3

Semester Total: 12 Credits

Spring 2

Term	Course ID	Course Name	Credits
1st 8 Weeks	WLD 215	SMAW (stick) Pipe	4
2nd 8 Weeks	WLD 261	Certification Practices	2
			Semester Total: 6 Credits