

Academic Program Map

Isothermal Community College

Program: Welding Technology

Career Cluster(s): Industry

Fall 1

Term	Course ID	Course Name	Credits
1st 8 Weeks	ACA 122	College Transfer Success	1
1st 8 Weeks	WLD 115	SMAW (Stick) Plate	5
2nd 8 Weeks	WLD 116	SMAW (stick) Plate/Pipe	4
2nd 8 Weeks	ENG 111	Writing and Inquiry	3
16 Weeks	WLD 110	Cutting Processes	2

Semester Total: 15 Credits

Spring 1

Term	Course ID	Course Name	Credits
1st 8 Weeks	WLD 121	GMAW (MIG) FCAW/Plate	4
1st 8 Weeks	WLD 131	GTAW (TIG) Plate	4
2nd 8 Weeks	WLD 122	GMAW (MIG) Plate/Pipe	3
2nd 8 Weeks	WLD 132	GTAW (TIG) Plate/Pipe	3
16 Weeks	BPR 111	Print Reading	2
16 Weeks	MAT 110	Mathematical Measurement and Literacy	3

Semester Total: 19 Credits

Summer 1

Term	Course ID	Course Name	Credits
10 Weeks	CIS 110	Introduction to Computers	3
10 Weeks	WLD 141	Symbols and Specifications	3
10 Weeks	WLD 143	Welding Metallurgy	2
10 Weeks	WLD 215	SMAW (stick) Pipe	4

Semester Total: 12 Credits

Fall 2

Term	Course ID	Course Name	Credits
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Term	Course ID	Course Name	Credits
1st 8 Weeks	COM 231	Public Speaking	3
2nd 8 Weeks	HUM 115	Critical Thinking	3
16 Weeks	WLD 151	Fabrication I	4
16 Weeks	WLD 231	GTAW (TIG) Pipe	3

Semester Total: 13 Credits

Spring 2

Term	Course ID	Course Name	Credits
1st 8 Weeks	WLD 261	Certification Practices	2
2nd 8 Weeks	WLD 262	Inspection & Testing	3
16 Weeks	PSY 150	General Psychology	3
16 Weeks	WOL 110	Basic Construction Skills	3

Semester Total: 11 Credits