

Pipe Welding: Shielded Metal Arc Pipe Course



#REF!

CIP CODE 48.0508

Students will learn theory, principles of operation, and pipe welding techniques used to weld with the SMAW process to the AWS D1.1 Structural Steel Code and the A.P.I. 1104 Petroleum Pipelines and Related Facilities Code

OUTCOMES	Delivery Method	OE/OE (min 2 - max 18)
MATC Shielded Metal Arc Pipe Welding Program Certificate	Enrollment Availability	Adults Only
AWSD1.1 6G Structural Pipe Certificate - SMAW	VA Qualified	Yes
A.P.I. 1104 6G - SMAW Certificate		

PREREQUISITES

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All students must meet with a Welding Instructor

All students must have completed MATC's SMAW, GTAW and Pre-Pipe Welding Technology Courses and receive a Program Certificate; or show current industry level equivalent experience.

SECTION	LOCATION	ROOM	START DATE	END DATE	START TIME	END TIME	DAYS	INSTRUCTOR	NOTES
Open Entry/ Open Exit	Orem	108	Open Entry	Open Exit	7:30 AM	10:30	M-F	Josh McCrary	
Open Entry/ Open Exit	Orem	108	Open Entry	Open Exit	7:30 AM	10:30	M.W.F	Josh McCrary	
Open Entry/ Open Exit	Orem	108	Open Entry	Open Exit	7:30 AM	10:30	T.TH	Josh McCrary	
Open Entry/ Open Exit	Orem	108	Open Entry	Open Exit	11:30 AM	2:30 PM	M-F	Josh McCrary	
Open Entry/ Open Exit	Orem	108	Open Entry	Open Exit	11:30 AM	2:30 PM	M.W.F	Josh McCrary	
Open Entry/ Open Exit	Orem	108	Open Entry	Open Exit	11:30 AM	2:30 PM	T.TH	Josh McCrary	
Open Entry/ Open Exit	Orem	108	Open Entry	Open Exit	2:45 PM	5:45 PM	M-F	Reed Esplin	
Open Entry/ Open Exit	Orem	108	Open Entry	Open Exit	2:45 PM	5:45 PM	M.W.F	Reed Esplin	
Open Entry/ Open Exit	Orem	108	Open Entry	Open Exit	2:45 PM	5:45 PM	T.TH	Reed Esplin	
Open Entry/ Open Exit	Orem	108	Open Entry	Open Exit	6:00 PM	9:00 PM	M-TH	Jared Massic,Reed Esplin, Dustin Taylor	
Open Entry/ Open Exit	Orem	108	Open Entry	Open Exit	6:00 PM	9:00 PM	M.W	Jared Massic,Reed Esplin, Dustin Taylor	
Open Entry/ Open Exit	Orem	108	Open Entry	Open Exit	6:00 PM	9:00 PM	T.TH	Jared Massic,Reed Esplin, Dustin Taylor	
*Summer Schedule	Orem	108	6/1/2016	8/8/2016	All Sections		M-TH		

TUITION /FEES	COST	NOTES
Registration Fee	#REF!	#REF!
Facilities Fee	#REF!	
Program Fees	\$350.00	#REF!
Tuition	#REF!	
Total Tuition and Fees	#REF!	#REF!

REQUIRED PROGRAM MATERIALS	COST	NOTES
Textbooks & Resources	\$40.00	Hobart Institute of Welding Technology – Technical Guides
Welding Equipment & Practice Pipe	\$142.00	
Welding Helmet	\$116.00	
Protective Clothing	\$76.00	
Exam Materials for Industry Certifications	\$60.00	

Steel Toed Boots	\$30.00					
Total	\$464.00					
OPTIONAL PROGRAM MATERIALS COST NOTES						
Additional Test Coupons	\$18.00	per each set				
Total	\$18.00					
PROGRAM COMPONENTS						
PWLD 02 Shielded Metal Arc Pipe Welding:		LAB	LECTURE	HYBRID	TOTAL	NOTES
General Shop Safety		0	3		3	
Intro - Positions, Jigs, Fixtures & Terminology		0	6		6	
Fit-Up, Tacking		2	10		12	
2G Vee E6010/E7018		18	0		18	
5G Vee E6010/E7018		30	0		30	
6G Vee E6010/E7018		30	0		30	
5G Downhill E6010 Brother-in-law Weld		33	0		33	
5G Downhill E6010		30	0		30	
6G Downhill (E6010)		33	0		33	
2" Pipe 5G Downhill E6010		18	0		18	
2" Pipe 6G Downhill E6010		18	0		18	
D1.1 6G Pipe Qualification Test		30	6		36	
Workplace Relations/Job Seeking Skills		0	3		3	
Final Exam		0	0		0	
Total		242	28	0	270	Average 4.5 months or 90 days excluding wknds and holidays
***** Additional Information *****						
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*Summer Schedule: Classes will be held at normal times, but during the summer will be M-TH. There will be NO class on Friday						