

WELDING TECHNOLOGY

Pipeline Welder

Certificate

Academic Plan Code

4805083109

Contact Information: Virgil Holland				
virgil.holland@kctcs.edu		270-534-3340		
Student Name		Student ID#		
Course	Hours	Grade	Semester	
WLD 100 Oxy-Fuel Systems OR	2			
WLD 110 Cutting Processes	(2)			
WLD 101 Oxy-Fuel Systems Lab OR	2			
WLD 111 Cutting Processes Lab	(3)			
WLD 120 Shielded Metal Arc Welding (SMAW)	2			
WLD 130 Gas Tungsten Arc Welding (GTAW)	2			
WLD 140 Gas Metal Arc Welding (GMAW)	2			
WLD 170 Blueprint Reading for Welding	2			
WLD 171 Blueprint Reading for Welding Lab	3			
WLD 220 Welding Certification	2			
WLD 221 Welding Certification Lab	3			
WLD 227 Shielded Metal Arc Welding (SMAW) Pipe Lab A	3			
WLD 235 Gas Tungsten Arc Welding (GTAW) Pipe Lab A	3			
WLD 245 Gas Metal Arc Welding (GMAW) Pipe Lab A	3			
RECOMMENDED TECHNICAL ELECTIVES				
WLD 229 Shielded Metal Arc Welding (SMAW) Pipe Lab B	(3)			
WLD 237 Gas Tungsten Arc Welding (GTAW) Pipe Lab B	(3)			
WLD 247 Gas Metal Arc Welding (GMAW) Pipe Lab B	(3)			
WLD 253 Pipe Fitting and Template Development Lab	(1)			
Total Credits	29-40			

Revised Date: 10/16/2015

KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM

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WELDING TECHNOLOGY**Pipeline Welder****Certificate****Academic Plan Code****4805083109****First Semester**

Course No.	Course Title	Credit Hours
WLD 100	Oxy-Fuel Systems OR	2
WLD 110	Cutting Processes	(2)
WLD 101	Oxy-Fuel Systems Lab OR	2
WLD 111	Cutting Processes Lab	(3)
WLD 120	Shielded Metal Arc Welding (SMAW)	2
WLD 170	Blueprint Reading for Welding	2
WLD 171	Blueprint Reading for Welding Lab	3
WLD 227	Shielded Metal Arc Welding (SMAW) Pipe Lab A	3
	Subtotal	14-15

Second Semester

Course No.	Course Title	Credit Hours
WLD 130	Gas Tungsten Arc Welding (GTAW)	2
WLD 140	Gas Metal Arc Welding (GMAW)	2
WLD 220	Welding Certification	2
WLD 221	Welding Certification Lab	3
WLD 235	Gas Tungsten Arc Welding (GTAW) Pipe Lab A	3
WLD 245	Gas Metal Arc Welding (GMAW) Pipe Lab A	3
	Subtotal	15

Third Semester

Course No.	Course Title	Credit Hours
WLD 229	Shielded Metal Arc Welding (SMAW) Pipe Lab B	(3)
WLD 237	Gas Tungsten Arc Welding (GTAW) Pipe Lab B	(3)
WLD 247	Gas Metal Arc Welding (GMAW) Pipe Lab B	(3)
WLD 253	Pipe Fitting and Template Development Lab	(1)
	Subtotal	0-10
	Grand Total	29-40

Program Coordinator Notes: The following additional courses are recommended by the program advisory committee to increase the employability skills of students: WLD 229, WLD 237, WLD 247. It is the ultimate responsibility of the student to stay current with the curriculum requirements.