

**WELDING TECHNOLOGY**  
**AWS National Skills Standards Level I**  
**Certificate**

**Academic Plan Code** **4805083089**

<b>Contact Information:</b> Virgil Holland				
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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 121 Shielded Metal Arc Welding (SMAW) Fillet Lab		3		
WLD 123 Shielded Metal Arc Welding (SMAW) Groove with Backing Lab OR		3		
WLD 225 Shielded Metal Arc Welding (SMAW) Open Groove Lab		(3)		
WLD 130 Gas Tungsten Arc Welding (GTAW)		2		
WLD 131 Gas Tungsten Arc Welding (GTAW) Fillet Lab		3		
WLD 133 Gas Tungsten Arc Welding (GTAW) Groove Lab		3		
WLD 140 Gas Metal Arc Welding (GMAW)		2		
WLD 141 Gas Metal Arc Welding (GMAW) Fillet Lab		3		
WLD 143 Gas Metal Arc Welding (GMAW) Groove Lab		3		
WLD 170 Blueprint Reading for Welding		2		
WLD 171 Blueprint Reading for Welding Lab		3		
<b>Total Credits</b>		<b>33-34</b>		

Revised Date: 10/16/2015

**KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM**

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**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 121	Shielded Metal Arc Welding (SMAW) Fillet Lab	3
WLD 123	Shielded Metal Arc Welding (SMAW) Groove Welds With Backing Lab OR	3
WLD 225	Shielded Metal Arc Welding (SMAW) Open Groove Lab	(3)
	Subtotal	12-13

**Second Semester**

Course No.	Course Title	Credit Hours
WLD 130	Gas Tungsten Arc Welding (GTAW)	2
WLD 131	Gas Tungsten Arc Welding (GTAW) Fillet Lab	3
WLD 133	Gas Tungsten Arc Welding (GTAW) Groove Lab	3
WLD 140	Gas Metal Arc Welding (GMAW)	2
WLD 141	Gas Metal Arc Welding (GMAW) Fillet Lab	3
WLD 143	Gas Metal Arc Welding (GMAW) Groove Lab	3
	Subtotal	16

**Third Semester**

Course No.	Course Title	Credit Hours
WLD 170	Blueprint Reading for Welding	2
WLD 171	Blueprint Reading for Welding Lab	3
	Subtotal	5
	Grand Total	33-34

Program Coordinator Notes: It is the ultimate responsibility of the student to stay current with the curriculum requirements.