



# PATHWAYS

Your Guide  
to Completion

WELDING TECHNOLOGY Certificate			
	Course #	Course Name	Credit Hours
Semester 1	ORI 101/ ORT 100	Orientation to College <b>OR</b> Orientation for Career Students	1
	WDT 107	SMAW Fillet/OFC/PAC/CAC	3
	WDT 110	Industrial Blueprint Reading	3
	WDT 122	SMAW Fillet/OFC Lab	3
	WDT 123	SMAW Fillet/OFC/PAC/CAC	3
		<b>Eligible for AWS Certification</b>	<b>Semester Total: 13</b>
Semester 2	COM 103/ English 101	Introductory Technical English II <b>OR</b> English Composition I	3
	WDT 119	Gas Metal Arc/Flux Cored Arc Welding	3
	WDT 120	Shielded Metal Arc Welding Groove	3
	WDT 124	Gas Metal Arc/Flux Cored Arc Welding Lab	3
	WDT 125	Shielded Metal Arc Welding Groove Lab	3
		<b>Eligible for AWS Certification</b> <b>ELIGIBLE FOR STACKABLE STC – Basic Welding Fundamentals</b> <b>ELIGIBLE FOR STACKABLE STC – Welding Technologies</b>	<b>Semester Total: 15</b>
Semester 3	MAH 101/ MTH 116	Introductory Mathematics I <b>OR</b> Mathematical Applications	3
	WDT 228	Gas Tungsten Arc Welding	3
	WDT 257	SMAW Carbon Pipe Lab	3
	WDT 268	Gas Tungsten Arc Welding	3
			<b>Semester Total: 12</b>
Semester 4	DPT 103/ CIS 146	Introductory Computer Skills II <b>OR</b> Computer Applications	3
	WDT 115	GTAW Carbon Pipe	3
	WDT 155	GTAW Carbon Pipe Lab	3
	WDT 157	Consumable Welding Theory	3
	WDT 221	Pipe Fitting and Fabrication	3
		<b>Eligible for AWS Certification</b>	<b>Semester Total: 15</b>
		<b>ELIGIBLE FOR CERT – Welding Technology</b>	<b>Program Total: 55</b>

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WELDING TECHNOLOGY Short-Term Certificate			
	Course #	Course Name	Credit Hours
Semester 1	WDT 107	SMAW Fillet/OFC/PAC/CAC	3
	WDT 120	Shielded Metal Arc Welding Groove	3
	WDT 122	SMAW Fillet/OFC Lab	3
	WDT 123	SMAW Fillet/PAC/CAC Lab	3
			<b>Semester Total:12</b>
Semester 2	WDT 119	Gas Metal Arc/Flux Cored Arc Welding	3
	WDT 110	Industrial Blueprint Reading	3
	WDT 124	Gas Metal Arc/Flux Cored Arc Welding Lab	3
	WDT 125	Shielded Metal Arc Welding Groove Lab	3
		<b>ELIGIBLE FOR STACKABLE STC – Basic Welding Fundamentals</b>	<b>Semester Total:12</b>
		<b>ELIGIBLE FOR AWS Structure Test</b>	
		<b>ELIGIBLE FOR STC – Welding Technology</b>	<b>Program Total: 24</b>

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## WELDING TECHNOLOGY - ADVANCED PIPE WELDING (STAINLESS STEEL) Short-Term Certificate

	Course #	Course Name	Credit Hours
Semester 1	WDT 115	GTAW Carbon Pipe	3
	WDT 116	GTAW Stainless Pipe	3
	WDT 155	GTAW Carbon Pipe Lab	3
	WDT 156	GTAW Stainless Pipe Lab	3
			<b>Semester Total: 12</b>
Semester 2	WDT 157	Consumable Welding Processes	3
	WDT 158	Consumable Welding Processes Lab	3
			<b>Semester Total: 6</b>
		<b>ELIGIBLE FOR STC – Advanced PIPE Welding</b>	<b>Certificate Total: 18</b>

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## WELDING TECHNOLOGY - ADVANCED MIG WELDING (ALUMINUM) Short-Term Certificate

	Course #	Course Name	Credit Hours
Semester 1	WDT 115	GTAW Carbon Pipe	3
	WDT 119	Gas Metal Arc/Flux Cored Arc Welding	3
	WDT 124	Gas Metal Arc/Flux Cored Arc Welding Lab	3
	WDT 228	Gas Tungsten Arc Welding	3
			<b>Semester Total: 12</b>
Semester 2	WDT 162	Consumable Welding Applications	3
	WDT 163	Consumable Welding Applications Lab	3
			<b>Semester Total: 6</b>
		<b>ELIGIBLE FOR STC – Advanced MIG Welding</b>	<b>Certificate Total: 18</b>

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## WELDING TECHNOLOGY - BASIC WELDING FUNDAMENTALS Short-Term Certificate

	Course #	Course Name	Credit Hours
Semester 1	WDT 107	SMAW Fillet/OFC/PAC/CAC	3
	WDT 119	Gas Metal Arc/Flux Cored Arc Welding	3
	WDT 123	SMAW Fillet/PAC/CAC Lab	3
	WDT 124	Gas Metal Arc/Flux Cored Arc Welding Lab	3
		<b>ELIGIBLE FOR AWS Sturcture Test</b>	<b>Semester Total: 12</b>
		<b>ELIGIBLE FOR STC – Basic Welding Fundamentals</b>	<b>Program Total: 12</b>

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