

Sample WDT Stackable Certificate-Degree/Credential Program

Welding Technology Option

The Welding Technology program is industry-driven and focused on preparing graduates for the workforce. Certifications are embedded into the curriculum so that students will earn industry certifications and certificates as they progress in the program. The required co-op in the final term provides real world experience so that students graduate with the skills they need to perform.

Program Requirements

	Course #	Course Name	Sem. Hours	
Semester 1	WDT 119	GMAW (Gas Metal Arc Welding)	3	
	WDT 124	GMAW Lab	3	
	INT 119	Principles of Mechanical Measurement and Technical Drawing	3	
	CIS 146	Microcomputer Applications	3	
		Eligible For Short Term Certificate (STC) in WDT GMAW		
		Hours for the Semester	12 Hours	
Semester 2	WDT 108	SMAW (Shielded Metal Arc Welding) Fillet	3	
	WDT 122	SMAW Fillet Lab	3	
	MTH 100	MTH 100 or numerically higher	3	
	INT 117	Principles of Industrial Mechanics	3	
		Eligible For Short Term Certificate (STC) in Welding Technology		
		Hours for the Semester	12 Hours	
Semester 3	WDT 120	SMAW Groove	3	
	WDT 125	SMAW Groove Lab	3	
	ENG 101	English Composition I	3	
	Area IV	Social and Behavioral Science elective	3	
		Eligible For Short Term Certificate (STC) in WDT SMAW		
		Hours for the Semester	12 Hours	
Semester 4	WDT 217	SMAW Carbon Pipe	3	
	WDT 257	SMAW Carbon Pipe Lab	3	
	Area III	Math, Science or Computer Science elective	3	
	SPH 107	Fundamentals of Public Speaking	3	
	WKO 106	Workplace Essentials (Alabama Career Readiness Certificate) (OSHA 10 Hour Card)	3	
		Eligible for Certificate (CER) in Industrial Systems Technology – Welding Technology		
			Hours for the Semester	15 Hours
Semester 5	WDT 228	GTAW (Gas Tungsten Arc Welding)	3	
	WDT 268	GTAW Lab	3	
	INT 291	Cooperative Education	3	
	Area II	Humanities & Fine Arts Elective	3	
		Eligible for AAS in Industrial Systems Technology - WDT		
		Hours for the Semester	12 Hours	
		Total Hours Required for Degree	63	