



Welding Technology Certificate

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	STUDENT PROGRESS	
	<u>Grade</u>	<u>Term Completed</u>
Area I – Written Composition:..... 3		
• COM 100 - Vocational / Technical English OR		
ENG 101 - English Composition I 3	_____	_____
Area II – Humanities and Fine Arts:..... 0		
Area III – Natural Science or Mathematics:..... 3		
• MAH 101 - Introductory Mathematics I OR		
MTH 100 - Intermediate College Algebra OR		
numerically higher..... 3	_____	_____
Area IV — History, Social and Behavioral Sciences:..... 0		
Technical Specialty Approved Area V Electives: 52		
• DPT 100 - Introductory Computer Skills I OR		
CIS 146 - Microcomputer Applications..... 3	_____	_____
• * ORT 100 - Orientation for Career Students 1	_____	_____
• SPC 103 - Oral Communication Skills OR		
SPH 106 - Fundamentals of Oral Communication 3	_____	_____
• WDT 108 - SMAW Fillet/OFC 3	_____	_____
• WDT 109 - SMAW Fillet/PAC/CAC 3	_____	_____
• WDT 110 - Industrial Blueprint Reading..... 3	_____	_____
• WDT 115 - GTAW Carbon Pipe 3	_____	_____
• WDT 116 - GTAW Stainless Pipe 3	_____	_____
• WDT 119 - Gas Metal Arc/Flux Cored Arc Welding 3	_____	_____
• WDT 120 - Shielded Metal Arc Welding Groove..... 3	_____	_____
• WDT 122 - SMAW Fillet/OFC Lab 3	_____	_____
• WDT 123 - SMAW Fillet/PAC/CAC Lab..... 3	_____	_____
• WDT 124 - Gas Metal Arc/Flux Cored Arc Welding Lab 3	_____	_____
• WDT 125 - Shielded Metal Arc Welding Groove Lab..... 3	_____	_____
• WDT 155 - GTAW Carbon Pipe Lab..... 3	_____	_____
• WDT 156 - GTAW Stainless Pipe Lab 3	_____	_____
• WDT 157 - Consumable Welding Processes..... 3	_____	_____
• WDT 158 - Consumable Welding Processes Lab..... 3	_____	_____
• WDT 160 – Robotic Programming & Welding..... 3	_____	_____
• WDT 162 – Consumable Welding Applications 3	_____	_____
• WDT 163 – Consumable Welding Applications Lab 3	_____	_____
• WDT 166 - Flux Core Arc Welding (FCAW)..... 3	_____	_____
• WDT 167 – Flux Core Arc Welding Lab..... 3	_____	_____
• WDT 180 - Special Topics OR		
WDT 181 - Special Topics Lab OR		
WDT 182 - Special Topics 3	_____	_____
• WDT 183 - Special Topics 2	_____	_____
• WDT 183 M - Special Topics Lab 3	_____	_____
• WDT 184 – Special Topics 1	_____	_____

	STUDENT PROGRESS	
	<u>Grade</u>	<u>Term Completed</u>
• WDT 185 – Special Topics Lab 3	_____	_____
• WDT 193 - Co-Op OR		
• WDT 291 - Co-Op OR		
• WDT 292 - Co-Op 3	_____	_____
• WDT 217 - SMAW Carbon Pipe 3	_____	_____
• WDT 218 - Certification..... 3	_____	_____
• WDT 219 - Welding Inspection & Testing 3	_____	_____
• WDT 221 - Pipefitting and Fabrication 3	_____	_____
• WDT 223 - Blueprint Reading for Fabrication 3	_____	_____
• WDT 228 - Gas Tungsten Arc Welding..... 3	_____	_____
• WDT 229 - Boiler Tube 3	_____	_____
• WDT 230 - Orbital Gas Tungsten Arc Welding 3	_____	_____
• WDT 240 - Orbital Gas Tungsten Arc Welding Lab 3	_____	_____
• WDT 250 - Pipe Preparation for Orbital Welding Lab 3	_____	_____
• WDT 257 - SMAW Carbon Pipe Lab 3	_____	_____
• WDT 258 - Certification Lab..... 3	_____	_____
• WDT 268 - Gas Tungsten Arc Lab..... 3	_____	_____
• WDT 269 - Boiler Tube Lab 3	_____	_____
• WDT 281 - Special Topics in Welding Technology 3	_____	_____

***Required course**

Total Hours Required for Certificate: 58

NOTICE(s): For the certificate in Welding Technology, the student must complete a minimum of 58 credit hours – 52 in technical courses and 6 in general education courses – all of which must be approved by the advisor. Required courses may vary to provide options and to meet student needs. Courses will be selected from those listed above. Admission Requirement: The student must be age 17 or older.