



## Welding Technology Certificate

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		<b>STUDENT PROGRESS</b>	
		<u>Grade</u>	<u>Term Completed</u>
<b>Area I – Written Composition:</b> .....	<b>3</b>		
• ENG 100 - Vocational Technical English I <b>OR</b>			
ENG 101 - English Composition I .....	3		
<b>Area II – Humanities and Fine Arts:</b> .....	<b>0</b>		
<b>Area III – Natural Science or Mathematics:</b> .....	<b>3</b>		
• MAH 101 - Introductory Mathematics I <b>OR</b>			
MTH 100 - Intermediate College Algebra or			
numerically higher <b>OR</b>			
WDT 100 – Introduction to Applied Technologies .....	3		
<b>Area IV — History, Social and Behavioral Sciences:</b> .....	<b>0</b>		
<b>Technical Specialty Approved Area V Electives:</b> .....	<b>52</b>		
• DPT 100 - Introductory Computer Skills I <b>OR</b>			
CIS 146 - Microcomputer Applications.....	3		
• * ORT 100 - Orientation for Career Students .....	1		
• SPC 103 - Oral Communication Skills <b>OR</b>			
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 <b>OR</b>			
WDT 181 - Special Topics Lab <b>OR</b>			
WDT 182 - Special Topics .....	3		
• WDT 183 - Special Topics .....	2		
• WDT 183 M - Special Topics Lab .....	3		



**STUDENT PROGRESS**

	<u>Grade</u>	<u>Term Completed</u>
• WDT 184 – Special Topics ..... 1	_____	_____
• WDT 185 – Special Topics Lab ..... 3	_____	_____
• WDT 193 - Co-Op <b>OR</b> WDT 291 - Co-Op <b>OR</b> WDT 292 – Welding Work Based Application ..... 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.

This program is a Gainful Employment Program. Information on the graduation rate, award type, average loan debt, number of students borrowing money, and the cost and length of this program can be found at:  
[http://www.gadsdenstate.edu/sites/default/files/u21/48\\_0508-Welding%20Certificate.pdf](http://www.gadsdenstate.edu/sites/default/files/u21/48_0508-Welding%20Certificate.pdf).