

Program Coordinator: Bobby Coffey

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Phone: 859-246-6888

 Program Website: <https://bluegrass.kctcs.edu/education-training/program-finder/welding-technology.aspx>

Student Name:

Student ID:

*Students need to be at KCTCS placement levels for all courses*

First Semester	Credits	Term	Grade	Prereqs/Notes
WLD 100 Oxy-Fuel Systems <b>AND</b>	2			
WLD 101 Oxy-Fuel Systems Lab	2			
WLD 120 Shielded Metal Arc Welding <b>AND</b>	2			
WLD 121 Shield Metal Arc Welding Fillet Lab <b>AND</b>	3			
WLD 123 Shield Metal Arc Welding Groove Lab	3			
MAT 116 Technical Mathematics	3			
ENG 101 Writing I	3			
<b>Total Semester Credit Hours</b>	<b>18</b>			

Second Semester	Credits	Term	Grade	Prereqs/Notes
WLD 130 Gas Tungsten Arc Welding	2			Students must be enrolled in WLD 130, WLD 131 and WLD 133 during the same semester.
WLD 131 Gas Tungsten Arc Welding Fillet Lab	3			
WLD 133 Gas Tungsten Arc Welding Groove Lab	3			
WLD 170 Blueprint Reading for Welders	2			Students must be enrolled in WLD 170 and WLD 171 during the same semester.
WLD 171 Blueprint Reading for Welders Lab	3			
Computer/Digital Literacy	3			
<b>Total Semester Credit Hours</b>	<b>16</b>			

Third Semester	Credits	Term	Grade	Prereqs/Notes
WLD 140 Gas Metal Arc Welding	2			Students must be enrolled in WLD 140, WLD 141 and WLD 143 during the same semester.
WLD 141 Gas Metal Arc Welding Fillet Lab	3			
WLD 143 Gas Metal Arc Welding Groove Lab	3			
WLD 220 Welding Certification	2			Students must be enrolled in WLD 220 and WLD 221 during the same semester.
WLD 221 Welding Certification Lab	3			
WLD 298 Welding Practicum or Co-op	1-4			
Technical Elective	2-3			
<b>Total Semester Credit Hours</b>	<b>16</b>			
<b>Total Credential Hours</b>	<b>47-55</b>			

*Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College.*

Advisor Name:

Advisor Signature: \_\_\_\_\_

Student Name:

Student Signature: \_\_\_\_\_

**Special Instructions:**

Math requirements can be satisfied by the following courses: MAT 110, MAT 146, MAT 150 or MA 109.

Digital Literacy/Computer Literacy requirements can be satisfied by the following courses: CAD 103, CIT 105, DLC 100, IMD 100, OST 105, or VCC 150.

Other Technical Elective courses may be approved at the discretion of the Program Coordinator.

**Approved Technical Electives**

WPP 200 Workplace Principles	WLD 253 Pipe Fitting and Template Development Lab
WLD 151 Basic Welding A	WLD 229 Shielded Metal Arc Welding Pipe Lab B
WLD 161 Submerged Arc Welding	WLD 239 Orbital Tube Welding
WLD 181 Advanced Welding Systems	WLD 240 Materials Technology
WLD 191 Plasma Arc Welding Systems Lab	BEX 100 Basic Electricity for Non-Majors
WLD 147 Flux Cored Arc Welding	BEX 101 Basic Electricity Lab for Non-Majors
WLD 145 Gas Metal Arc Welding Aluminum	FEX 100 Fundamentals of Electricity for Non-Majors
WLD 251 Welding Automation	