



Welding Technology – Shielded Metal Arc Welding Certificate

Program Coordinator: Shawn Gannon

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

Student Name: _____

Student ID: _____

Students must meet college readiness benchmarks as identified by the Council on Postsecondary Education or remedy the identified skill deficiencies.

First Semester	Credit Hours	Term	Grade	Prerequisites	Notes
WLD 100 Oxy-Fuel Systems	2			Coreq: WLD 101	
WLD 101 Oxy-Fuel Systems Lab	2			Coreq: WLD 100	
WLD 120 Shielded Metal Arc Welding	2			Coreq: WLD 121	Students must be enrolled in WLD 120, WLD 121 and WLD 123 during the same semester.
WLD 121 Shielded Metal Arc Welding Fillet Lab	3			Coreq: WLD 120	
WLD 123 Shielded Metal Arc Welding Groove with Backing Lab	3				
Total Semester Credit Hours	12				

Second Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
WLD 170 Blueprint Reading for Welding	2			Coreq: WLD 171	
WLD 171 Blueprint Reading for Welding Lab	3			Coreq: WLD 170	
Total Semester Credit Hours	5				
Total Certificate Credit Hours	17				

- Graduation Requirements:**
- 25% or more of Total Certificate Credit Hours must be earned at BCTC
 - Cumulative GPA must be 2.0 or higher

Advisor Name _____ **Advisor Contact** _____

Embedded Credentials			
Credential	Title	Requirements	Total Credit Hours
Certificate	Gas Welder	WLD 100, WLD 101	4
Certificate	Tack Welder	(WLD 120 and WLD 121) or (WLD 130 and WLD 131) or (WLD 140 and WLD 141), WLD 170, WLD 171	10
Certificate	Welder Helper	(WLD 100 and WLD 101) or (WLD 120 and WLD 121) or (WLD 130 and WLD 131) or (WLD 140 and WLD 141),	5