



# WELDING

Certificate (C)

## Advising Sheet – Suggested Course Sequence

Student Name \_\_\_\_\_ Faculty Advisor \_\_\_\_\_

REQUIRED COURSES	CR.	PRE-REQUISITE COURSES	APPROVED COURSE SUBSTITUTIONS	TERM THAT I PLAN TO TAKE OR ✓ TAKEN
SDV 100 College Success Skills	1		SDV 101	
ENG 115 Technical Writing	3	See Placement Test Scores	ENG 111	
MTH 103 Applied Technical Mathematics I	3	See Placement Test Scores	MTH 120 or higher	
SAF 130 Industrial Safety OSHA-10	1		See Note 6	
WEL 150 Welding Drawing and Interpretation	2			
WEL 116 Oxyfuel Welding <i>Offered Fall Only</i>	2	SAF 130, WEL 150		
WEL 123 Shielded Metal ARC Welding <i>Offered Fall Only</i>	3	SAF 130, WEL 150		
WEL 160 Gas Metal Arc Welding <i>Offered Fall Only</i>	3	SAF 130, WEL 150		
WEL 130 Inert Gas Welding <i>Offered Spring Only</i>	3	SAF 130, WEL 150		
WEL 244 Weld Testing and Codes <i>Offered Spring Only</i>	2	SAF 130		
WEL 247 Welding Layout and Fabrication I <i>Offered Fall Only</i>	2	SAF 130, WEL 150, WEL 247		
WEL 248 Welding Layout and Fabrication II <i>Offered Spring Only</i>	2	SAF 130, WEL 150		
WEL 141 Welder Qualification Tests I <i>Offered Spring Only</i>	3	SAF 130, WEL 150, WEL 248		
<b>MILESTONE: Welding Career Studies Certificate (see faculty advisor)</b>				
WEL 124 Shielded Metal Arc Welding (Advanced) <i>Offered Spring Only</i>	3	SAF 130, WEL 150, WEL 123		
PSY 126 Psychology for Business and Industry	3			
<b>MILESTONE: Optional (Recommended) American Welding Society Certification (See Note 3) (see faculty advisor)</b>				
<b>Total Minimum Credits to Complete</b>	<b>36</b>			

### NOTES:

1. Students are strongly encouraged to complete their SDV, ENG, and MTH requirements first.
2. Students with good computer skills may seek to satisfy this requirement by CLEP or internal exam.
3. To achieve American Welding Society SENSE certification, the student must successfully complete workmanship samples and weld tests throughout the program.
4. Students should regularly meet with their faculty advisor and check their advisement report in MyTyler – SIS.
5. Courses noted as Fall only or Spring only are based on historical trends and current planning and may change without notice.
6. The SAF 130 class will be waived with a prior OSHA 10 or 30 certification. Proof of successful completion with a valid OSHA issued card will be required.

For more information on this major, contact the Division of Engineering, Business and Public Services. 804.706.5121 (Chester Campus, Godwin Hall, G108) or 804.594.1480 (Midlothian Campus, Hamel Hall, H206).