

WELDING, A.A.S.

Course	Title	Hours
Semester 1		
COLL 101	ORIENTATION TO COLLEGE	1
MTEC 102	INTRODUCTORY CRAFT SKILLS ^{1,2}	2
WELD 111	BASIC OXYACETYLENE WELDING	3
WELD 171	WELDING THEORY	1
WELD 160	WELDING BLUEPRINT READING	2
WELD 121	BASIC SHIELDED METAL ARC(SMAW)	3
Quantitative Reasoning (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#qr) (Math 125 Preferred)		3-4
Hours		15-16
Semester 2		
WELD 131	BASIC GAS TUNGSTEN ARC (GTAW) ^{1,3}	3
WELD 133	BASIC FLUX CORE ARC WELD(FCAW) ^{1,3}	3
WELD 134	BASIC GAS METAL ARC WELD(GMAW) ^{1,3}	3
WELD 279	WELDING INSPECTION	2
Writing and Rhetoric (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#wr) (ENGL 107 Preferred)		3
Hours		14
Semester 3		
WELD 261	STEEL FABRICATION	3
WELD 221	ADV SHIELDED METAL ARC (SMAW) ^{1,3}	3
WELD 132	ADV GAS TUNGSTEN ARC (GTAW) ^{1,3}	3
Scientific Inquiry (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#si) Elective		4
Select one of the following:		3
Aesthetics, Creativity, and Appreciation (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#aca)		
Human Communication and Interaction (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#hci)		
People and Their Worlds (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#ptw)		
Hours		16
Semester 4		
Select one of the following, not already taken:		3
Aesthetics, Creativity, and Appreciation (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#aca)		
Human Communication and Interaction (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#hci)		
People and Their Worlds (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#ptw)		
WELD 135	ADV GAS METAL ARC WELD (GMAW) ^{1,3}	3
WELD 136	ADV FLUX CORE ARC WELD (FCAW) ^{1,3}	3
WELD 291	FABRICATION SHOP	3
WELD 260	WELDING CAPSTONE ⁴	2
Free Elective		1
Hours		15
Total Hours		60-61

- ¹ Milestone Course
- ² NCCER Core
- ³ AWS Certificate
- ⁴ Capstone Course