

# WELDING, C.A.S.

Course	Title	Hours
<b>Semester 1</b>		
COLL 101	ORIENTATION TO COLLEGE	1
MTEC 102	INTRODUCTORY CRAFT SKILLS <sup>1,2</sup>	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 ( <a href="https://wvup-public.courseleaf.com/programs-study/general-education-mission/#qr">https://wvup-public.courseleaf.com/programs-study/general-education-mission/#qr</a> ) (Math 125 Preferred)		3-4
<b>Hours</b>		<b>15-16</b>
<b>Semester 2</b>		
WELD 131	BASIC GAS TUNGSTEN ARC (GTAW) <sup>1,3</sup>	3
WELD 133	BASIC FLUX CORE ARC WELD(FCAW) <sup>1,3</sup>	3
WELD 134	BASIC GAS METAL ARC WELD(GMAW) <sup>1,3</sup>	3
WELD 279	WELDING INSPECTION	2
Writing and Rhetoric ( <a href="https://wvup-public.courseleaf.com/programs-study/general-education-mission/#wr">https://wvup-public.courseleaf.com/programs-study/general-education-mission/#wr</a> ) (ENGL 107 Preferred)		3
Free Elective		1
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>30-31</b>

<sup>1</sup> Milestone Course

<sup>2</sup> NCCER Core

<sup>3</sup> AWS Certificate