

**Transfer from TCAT Welding Technology
to the A.A.S. in Welding Technology**

TCAT Program:	Welding Technology
Community College Program:	A.A.S in Welding Technology
Degree Length:	60-61 credit hours
Articulation Process:	Community college faculty have assured that academic transfer credit is at the collegiate level and comparable to credit earned in the college's own programs (TBR policy 2.00.01.06).
College Credit:	This statewide agreement allows a student the possibility to earn 25 course credits. Please see the below crosswalk/equivalency table.

Community College Course Title	Credit Hours	TCAT Course Title
<p>WELD 1381 PRINCIPLES OF WELDING OR</p> <p>WELD 1060 GENERAL WELDING</p>	3-4	<p>NCCER WEL 1070- ORIENTATION AND SAFETY, AND 1080- ENTRY SHIELD METAL ARC WELD I, AND 2050- ENTRY GAS METAL ARC WELDING, AND 2060- ENTRY GAS TUNGSTEN ARC WELDING, AND 2070- ENTRY SHIELD METAL ARC WELD II</p> <p>AWS WEL 1020-SHOP ORIENTATION & SAFETY, AND 1030-CUTTING PROCESSES, AND 1040- BASIC SHIELDED METAL ARC WELD, AND 1050- BASIC GAS METAL ARC WELDING, AND 2040- ADVANCED GAS METAL ARC WELDING</p>

<p>WELD 1383 WELDING SYMBOLOGY & BLUEPRINT READING</p> <p>OR</p> <p>ENST 1381- Engineering Technical Communication</p>	<p>3</p>	<p>AWS WEL 2010- BLUE PRINT THEORY AND 3010- BLUE PRINT READING</p>
<p>WELD 1380 WELDING SAFETY</p> <p>OR</p> <p>ENST 1350 INDUSTRIAL SAFETY</p> <p>OR</p> <p>INTC 1020 SAFETY IN THE WORKPLACE</p>	<p>3</p>	<p>NCCER WEL 1070- ORIENTATION AND SAFETY AND OSHA 10</p> <p>AWS WEL 1020- SHOP ORIENTATION & SAFETY</p>
<p>WELD 2370 SHEILDED METAL ARC WELDING</p>	<p>3</p>	<p>NCCER WEL 2080- EXPERT SHIELD METAL ZRC WELD I AND WEL 3050- EXPERT SHIELD METAL ARC WELD II</p> <p>AWS WEL 2030 Adv Shielded Metal Arc Welding</p>
<p>WELD 2371 GAS METAL ARC WELDING</p>	<p>3</p>	<p>NCCER WEL 3030- EXPERT GAS METAL ARC WELDING</p> <p>AWS WEL 2040- ADVANCED GAS METAL ARC WELDING</p>
<p>WELD 1384 FABRICATION TECHNIQUES</p>	<p>3</p>	<p>AWS WEL 1010- TECHNOLOGY FOUNDATIONS AND 1030-CUTTING PROCESSES</p>

WELD 2372- Gas Tungsten Arc Welding	3	NCCER WEL 3040- EXPERT GAS TUNGSTEN ARC WELDING AWS 3020- ADVANCED GAS TUNGSTEN ARC PIPE WELDING
WELD 2120 PIPE WELDING	3	NCCER WEL 3040- EXPERT GAS TUNGSTEN ARC PIPE WELD, OR 3050- EXPERT SHELD METAL ARC WELD II
Total articulation credit hours available to earn	24-25	

** No TCAT equivalent for WELD 2460, but there is an AWS certification earned through the online library.