

WELDING TECHNOLOGY AAS DEGREE

The TVCC Welding program is designed to train students for an entry-level position in the welding industry. Employment opportunities are available both locally and globally.

- Degree Type: AAS
- No courses available online
- Welding Technology AAS is offered on the Athens campus.
- TSI (<https://coursecatalog.tvcc.edu/admission-registration/testing/tsi-testing-requirements/>): required
- Capstone course: WLDG-2553 Advanced Pipe Welding

Although not designed to transfer, this AAS degree program leads to an online Bachelor of Applied Arts and Sciences (BAAS) degree with participating universities. See an academic advisor for more information about the BAAS.

Students can begin in the fall, spring, and summer semesters of each year. There is no special selection criteria for any of the Welding programs.

Course	Title	Hours
Term One		
EDUC/PSYC-1300	Learning Framework	3
WLDG-1521	Welding Fundamentals	5
WLDG-1323	Welding, Safety, Tools, and Equipment	3
WLDG-1317	Introduction to Layout and Fabrication	3
Hours		14
Term Two		
WLDG-1435	Introduction to Pipe Welding	4
Core HIST, GOVT, or Social/Behav. Science		3
WLDG-1530	Introduction to Gas Metal Arc Welding (gmaw)	5
MATH-1332	Contemporary Mathematics (quantitative Reasoning)	3
Hours		15
Term Three		
WLDG-1557	Intermediate Shielded Metal Arc Welding (smaw)	5
Welding Elective		2
Lang, Phil, & Culture/Creative Arts		3
ENGL-1301	Composition I	3
Hours		13
Term Four		
WLDG-2543	Advanced Shielded Metal Arc Welding	5
BCIS-1305	Business Computer Applications	3
Hours		8
Term Five		
WLDG-2506	Intermediate Pipe Welding	5

WLDG-2553	Advanced Pipe Welding (Capstone)	5
	Hours	10
	Total Hours	60

Welding Electives

Code	Title	Hours
WLDG-1353	Intermediate Layout and Fabrication	3
WLDG-1534	Introduction to Gas Tungsten Arc Welding. (gtaw)	5
WLDG-2551	Advanced Gas Tungsten Arc Welding (gtaw)	5