

# DUAL ARC WELDING CERTIFICATE

The dual credit arc welding program leads to a level one certificate.

- Degree Type: Certificate
- No courses available online
- Dual Credit Arc Welding is offered on participating high school campuses
- TSI (<https://coursecatalog.tvcc.edu/admission-registration/testing/tsi-testing-requirements/>): not required

**This program is not designed to transfer.**

TVCC's dual credit arc welding certificate is available at participating high schools under the instruction of a TVCC qualified welding instructor.

Although TVCC does not have special selection criteria for the welding program, high school students are encouraged to contact the school counselor to determine if there are any high school selection criteria for entry in this program.

In order to complete the dual arc welding certificate, high school students will be expected to complete WLDG courses each semester during their 10th grade, 11th grade and 12th grade years.

Course	Title	Hours
<b>First Year</b>		
<b>Term One</b>		
<b>10th Grade Year</b>		
WLDG-1323	Welding, Safety, Tools, and Equipment	3
		<b>Hours</b>
		<b>3</b>
<b>Term Two</b>		
<b>10th Grade Year</b>		
WLDG-1317	Introduction to Layout and Fabrication	3
		<b>Hours</b>
		<b>3</b>
<b>Second Year</b>		
<b>Term One</b>		
<b>11th Grade Year</b>		
WLDG-1353	Intermediate Layout and Fabrication	3
WLDG-1428	Introduction to Shielded Metal Arc Welding. (smaw)	4
		<b>Hours</b>
		<b>7</b>
<b>Term Two</b>		
<b>11th Grade Year</b>		
WLDG-1407	Introduction to Welding Using Multiple Processes	4
WLDG-1457	Intermediate Shielded Metal Arc Welding (smaw)	4
		<b>Hours</b>
		<b>8</b>

**Third Year**

**Term One**

**12th Grade Year**

WLDG-1202	Fundamentals of Gas Metal Arc Welding (gmaw)	2
WLDG-1430	Introduction to Gas Metal Arc Welding (gmaw)	4
<b>Hours</b>		<b>6</b>

**Term Two**

**12th Grade Year**

WLDG-1206	Fundamentals of Gas Tungsten Arc Welding (gtaw)	2
WLDG-2443	Advanced Shielded Metal Arc Welding (smaw)	4
<b>Hours</b>		<b>6</b>
<b>Total Hours</b>		<b>33</b>