

Welding and Fabrication (Industrial Technology - Welding and Fabrication)

● One-year Certificate

WVC is an approved Washington Association of Building Officials (WABO) testing site. Call 509.682.6900 for more information.

For more industrial technology degree options see pages 73 through 79 of the catalog.

Welding is considered a high demand occupation that provides a living wage, with projected short- and long-term growth in Chelan and Douglas Counties, according to the Washington State Employment Security Department.

WVC's Industrial Technology program offers a welding and fabrication 55-credit certificate. This training provides students with the skills to perform welding duties in construction, repair, maintenance and fabrication fields. Hands-on instruction is included in core welding techniques—including MIG and TIG and pipe welding—and in metal fabrication with a variety of materials. Safe working habits are emphasized in lecture format and in demonstrations. An industrial safety course includes training and certification in first aid/CPR, flagging, forklift/industrial truck operation, OSHA 10 and hazardous materials awareness. Students also receive practice in preparation for the Washington Association of Building Officials (WABO) welding certification exam.

Required Courses: One-year certificate

Offered at the Wenatchee campus

First Year

Fall Quarter		Credits
WELD 128	Basic Welding	3
WELD 131	Gas Welding	3
ENGR 102	Engineering Graphics and Design	4
BCT 116	Professional Work Relations.....	3
MATH 093*	Pre-Algebra or higher.....	5

Winter Quarter

WELD 132	Arc Welding.....	3
INDT 135	Metal Fabrication I	5
WELD 134	Intermediate GTAW (TIG).....	3
OCED 102*	Writing in the Workplace/ Technical English	5
WELD 227	Welding Exotic Metals.....	3

Spring Quarter

WELD 220	Welding Certification Prep.....	2
INDT 136	Metal Fabrication II.....	3
INDT 137	Metal Fabrication III (Sheet Metal).....	3
WELD 223	Pipe Welding.....	3
WELD 225	Welding Blueprint Reading.....	2
OCED 130	Industrial Safety	5

Total Credits for Certificate 55

*Placement score required.