

Welding Technology, Fabrication Shop, A.A.S.

Want to become a welder or a fabricator? Enroll in Western Wyoming Community College's welding program and advance your skills in a growing industry. The welding program here at Western will give you the tools necessary to enter the workforce and be prepared to tackle any project. The faculty here at Western strive to teach the importance of code quality welds to applicable codes and standards. The program at Western is unique with its flexible entry classes and lab hours from Monday through Thursday from nine in the morning to nine at night. This setup allows you to come in on your own time and work at your own pace. Western's welding program is accredited through the American Welding Society and we are able to administer welder qualification tests and test welding procedures.

Degree Requirements

Freshman Year - Fall Semester

▪ WELD 1725 - Oxyacetylene Cutting	Credits: 1	
▪ WELD 1755 - Shielded Metal Arc Welding	Credits: 3	
▪ WELD 1760 - Advanced Shield Metal Arc Welding	Credits: 3	
▪ TECH 1600 - Industrial Safety	Credits: 3	
▪ TECH 1680 - Reading Technical Schematics	Credits: 3	
▪ CMAP 1200 - Computer Information Systems	Credits: 3	
▪ HMDV 1005 - 1st Year Success	Credits: 1	<i>Subtotal: 17</i>

Freshman Year - Spring Semester

▪ WELD 1770 - Gas Metal - Flux Core Arc Welding	Credits: 3	
▪ WELD 1840 - Groove Welding Plate	Credits: 3	
▪ WELD 1950 - SMAW Stainless Steel Basic	Credits: 3	
▪ WELD 2515 - Pipe Weld I	Credits: 3	
▪ TECH 1550 - General Metallurgy	Credits: 3	
▪ ENGL 1010 - English Composition I	Credits: 3	<i>Subtotal: 18</i>

Freshman Year - Spring Semester Notes: In addition to ENGL 1010, students may be required to also take ENGL 1011 (2 credits) due to placement, adding 2 additional credits to their graduation total.

Sophomore Year - Fall Semester

▪ WELD 1776 - Flux Cored Arc Welding- Pipe	Credits: 3	
▪ WELD 2540 - Pipe Layout and Fabrication	Credits: 4	
▪ ENGL 2005 - Writing in Technology and the Sciences	Credits: 3	
▪ PHYS 1050 - Concepts of Physics	Credits: 4	<i>Subtotal: 14</i>

Sophomore Year - Fall Semester Notes: PHYS 1050 may be replaced by MATH 1000 or higher (C or better grade). ENGL 2005 may be replaced by ENGL 1020.

Sophomore Year - Spring Semester

▪ WELD 1774 - Gas Metal Arc Welding Pipe	Credits: 3	
▪ WELD 1780 - Gas Tungsten Arc Welding Plate	Credits: 4	
▪ WELD 1960 - Submerged Arc Welding	Credits: 2	
▪ WELD 2670 - Welding Inspection Technology	Credits: 4	
▪ US & Wyoming Constitution	Credits: 3	<i>Subtotal: 16</i>

Sophomore Year - Spring Semester Notes: US & Wyoming Constitution can be fulfilled by HIST 1211, HIST 1221, HIST 1251, or POLS 1000.

Total Credit Hours: 65