

Undergraduate Certificate in Welding

This program is delivered only through Kodiak college.

Students develop technical skills in various welding processes including shielded metal arc welding, gas metal arc welding, gas tungsten arc welding and plasma arc cutting. Students will also develop skills in metal fabrication and technical drawing. Upon completion of the certificate, students are prepared for entry-level welding technician positions. (See learning outcomes for the Welding emphasis of the Associate of Applied Science in Technology (<http://catalog.uaa.alaska.edu/undergraduateprograms/ctc/aas-technology/>).

Admission Requirements

- Complete the Admission Requirements for Undergraduate Certificate Programs (<http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/>).

Graduation Requirements

- Complete the General University Requirements for Undergraduate Certificates (<http://catalog.uaa.alaska.edu/undergraduateprograms/certificaterequirements/>).
- Complete the following program requirements:

Code	Title	Credits
AET A101	Fundamentals of Construction Documents	3
or BADA A105	Introduction to Personal Computers and Application Software	
MATH A105	Intermediate Algebra (or any MATH course for which MATH A105 is a prerequisite)	4
OSH A101	Introduction to Occupational Safety and Health	3
PSY A153	Human Relations	3
or HUMS A155	Field Work and Human Service Practice	
TECH A295	Technical Internship	1
WELD A112	Shielded Metal Arc Welding (SMAW)	4
WELD A114	Welding of High Strength Steels	3
WELD A157	Technical Drawings for Welders	3
WELD A190	Selected Topics in Welding Technology	3
WRTG A110	Introduction to College Writing	3
Total		30

A minimum of 30-31 credits is required for the certificate.