

Undergraduate Certificate in Welding

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

This program is delivered only through Kodiak College.

For advising, please contact Lorraine Stewart, coordinator, at (907) 486-1209 or lestewart@kodiak.alaska.edu.

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 AAS in Technology (<http://catalog.uaa.alaska.edu/undergraduateprograms/ctc/technology/aas-technology>).

Admission Requirements

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

Graduation Requirements

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

Program Requirements

Code	Title	Credits
AET A101	Fundamentals of CADD for Building Construction	3-4
or CIS A105	Introduction to Personal Computers and Application Software	
PSY A153	Human Relations	3
or HUMS A155	Human Relations in the Workplace	
MATH A105	Intermediate Algebra (or any MATH course for which MATH A105 is a prerequisite)	3
OSH A101	Introduction to Occupational Safety and Health	3
WRTG A110	Introduction to College Writing	3
TECH A295	Technical Internship	1
WELD A112	Shielded Metal Arc Welding (SMAW)	3
WELD A114	Welding of High Strength Steels	3
WELD A157	Technical Drawings for Welders	3
WELD A190	Selected Topics in Welding Technology	3
Total Credits		28-29