

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 (<https://catalog.uaa.alaska.edu/undergraduateprograms/ctc/technology/aas-technology/>).

Admission Requirements

Complete the Application and 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 program requirements below.

Program Requirements

| Code | Title | Credits |
|--------------|---|-----------|
| AET A101 | Fundamentals of Construction Documents | 3 |
| 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) | 4 |
| WELD A114 | Welding of High Strength Steels | 3 |
| WELD A157 | Technical Drawings for Welders | 3 |
| WELD A190 | Selected Topics in Welding Technology | 3 |
| Total | | 29 |

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