

ADVANCED WELDING O.E.

Juneau, Ketchikan, Sitka

The Occupational Endorsement (OE) in Advanced Welding is designed to provide students with comprehensive training, from basic welding techniques to advanced specialized skills. The program recognizes the additional coursework and expertise students acquire beyond the initial Welding O.E.

Applicants must be 16 years of age or older to be admitted or have instructor permission.

Requirement		Hours
Minimum Credit Hours		18
Code	Title	Credits
WELD S120	Basic Welding	3
WELD S152	Intermediate Welding	3
WELD S175	Selected Topics in Advanced Welding	3
WELD S275	Selected Topics in Advanced Welding II	3
<i>Choose two of the courses listed below:</i>		<i>6</i>
WELD S261	Gas Metal Arc Welding	
WELD S262	Flux Cored Arc Welding	
WELD S263	Gas Tungsten Arc Welding	
WELD S264	Gas Tungsten Arc Welding: Aluminum	
WELD S265	Shielded Metal Arc Welding: Stainless Steel	
Total Credits		18

Upon completion, students will be able to:

1. Apply advanced skills in a variety of welding techniques.
2. Create welds that meet or exceed the criteria for AWS plate and pipe welding qualifications.
3. Exhibit professional behavior and adhere to safety protocols in all welding activities, demonstrating responsibility, teamwork, and effective communication skills—with an emphasis on safety practices relevant to all welding processes and materials.