

WELDING

ASSOCIATE IN APPLIED SCIENCE

The Welding program allows students the opportunity to complete certificates at two levels and to transfer these certificates toward an Associate of Applied Science degree in Welding. The Level I Welding certificate is for students who intend to seek entry-level employment after completing a one-year program of study. The Level II certificate is for students interested in advancing their skill level beyond Level I. Students interested in completing an Associate of Applied Science degree in Welding should visit with an advisor to determine general education and additional technical education requirements.

Credits Required: 64

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Recommended Course Sequence

SEM 1: INDU 131 or INDU 210, INDU 155, WELD 120, WELD 130, WELD 140,

SEM 2: WELD 160, WELD 180

SEM 3: WELD 210, WELD 220

SEM 4: WELD 240, WELD 260

After Graduation

Career areas in welding include welding, cutting, soldering, and brazing in the construction, manufacturing and utilities industries. Specific job titles include welding technician, supervisors, inspectors, instructors, and shop owners. The job outlook for welders in the construction, manufacturing, and utilities industries is increasing. Median earnings are \$15.10/hour.

Concentration Requirements			35
<input type="checkbox"/>	INDU 131	Engineering Graphics <i>or</i>	
<input type="checkbox"/>	INDU 210	Computer Aided Drafting/Design	3
<input type="checkbox"/>	INDU 155	OSHA Safety 10	1
<input type="checkbox"/>	WELD 120	Oxy Acetylene and Safety	3
<input type="checkbox"/>	WELD 130	Gas Tungsten Arc Welding	3
<input type="checkbox"/>	WELD 140	Shielded Metal Arc Welding	3
<input type="checkbox"/>	WELD 160	Gas Metal Arc Welding	3
<input type="checkbox"/>	WELD 180	Pipe Layout and Blueprint Reading	3
<input type="checkbox"/>	WELD 210	Adv. Gas Tungsten Arc Welding	4
<input type="checkbox"/>	WELD 220	Adv. Gas Metal Arc Welding	4
<input type="checkbox"/>	WELD 240	Adv. Shielded and Metal Arc Welding	4
<input type="checkbox"/>	WELD 260	Specialized Welding	4

Pathway Requirements			29
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Written Communication			
<input type="checkbox"/>	ENGL 101	English Composition I	3
<input type="checkbox"/>	ENGL 102	English Composition II	3

Verbal Communication			
<input type="checkbox"/>	COMM 101	Public Speaking	3

Quantitative/Analytic Methods			
Choose one class			
<input type="checkbox"/>	_____		3

Human Experience			
Choose one class			
<input type="checkbox"/>	_____		3

Human Systems/No companion Elements			
Choose one class			
<input type="checkbox"/>	_____		3

Human Systems/Diverse Perspectives			
Choose one class			
<input type="checkbox"/>	_____		3

Human Systems/Social Responsibility			
Choose one class			
<input type="checkbox"/>	_____		3

Natural World/Scientific Inquiry			
Choose one class			
<input type="checkbox"/>	_____		5

General Education Electives can be found on page 86.
Pathway Requirements can be found on page 90