

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: 60

Major Advisor: Travis Brumback
620-423-3065
travisb@labette.edu

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

General Education Requirement 24

English

<input type="checkbox"/>	ENGL 101	English Composition I	or
<input type="checkbox"/>	ENGL 103	English Composition I with Review	3
<input type="checkbox"/>	ENGL 102	English Composition II	3

Communications

Choose one class

<input type="checkbox"/>	_____	3
--------------------------	-------	---

Social & Behavioral Sciences

Choose one class

<input type="checkbox"/>	_____	3
--------------------------	-------	---

Arts & Humanities

Choose two classes from different subject areas

<input type="checkbox"/>	_____	3
<input type="checkbox"/>	_____	3

Personal & Professional Behavior

Choose two classes

<input type="checkbox"/>	_____	3
<input type="checkbox"/>	_____	3

General Electives 1

<input type="checkbox"/>	_____	1
--------------------------	-------	---

General Electives can be found on page 53
General Education Requirements can be found on page 56