

Arc Welding Less-Than-One-Year Certificate

This less-than-one-year certificate is a study of welding processes used by industry concentrating on metallic arc welding on flat, horizontal, vertical, and overhead plates.

Current In-District Rate Semester Credit Hour:

\$125.00 per Credit Hour \$15.00 Technology Fee/per Credit Hour Lab fees Vary

		Semester Hours
WEL 123	Arc Welding I	3
WEL 124	Arc Welding II and Low	5
WEL 160	Introduction to Welding	<u>3</u>
TOTAL		11

\$60.00 Lab Fee for Arc Welding I (WEL 123)

\$70.00 Lab Fee for Arc Welding II and Low (WEL 124)

\$60.00 Lab Fee for Introduction to Welding (WEL 160)

Total Projected Program Cost – \$1,730.00

Gas Welding Less-Than-One-Year Certificate

This less-than-one-year certificate is a study of the techniques, procedures and uses of oxyacetylene welding and cutting equipment.

Current In-District Rate Semester Credit Hour:

\$125.00 per Credit Hour \$15.00 Technology Fee/per Credit Hour Lab fees Vary

		Semester Hours
WEL 122	Maintenance Welding	3
WEL 160	Introduction to Welding	<u>3</u>
TOTAL		6

\$60.00 Lab Fee for Maintenance Welding (WEL 122)

\$60.00 Lab Fee for Introduction to Welding (WEL 160)

Total Projected Program Cost – \$960.00

Contact Information:

Admissions

Email: admissions@shawneecc.edu

Phone: 618-634-3291



Shawnee
Community College

TIG Welding

Less-Than-One-Year Certificate

Tig welding is a gas-arc welding process using an inert gas to protect the weld zone from the atmosphere. The heat for welding is a very intense electric arc which is struck between a non-consumable tungsten electrode and work piece. Tig welding is more complex than regular arc welding. More emphasis is placed on the technology of metals. The student should be competent in arc and gas welding and have knowledge of metals, their properties and characteristics.

		Semester Hours
WEL 129	Tig Welding	2
WEL 160	Introduction to Welding	3
TOTAL		5

Current In-District Rate Semester Credit Hour:

\$125.00 per Credit Hour \$15.00 Technology Fee/per Credit Hour Lab fees Vary

\$40.00 Lab Fee for Tig Welding (WEL 129)

\$60.00 Lab Fee for Introduction to Welding (WEL 160)

Total Projected Program Cost – \$800.00

Pipe Welding

Less-Than-One-Year Certificate

This less-than-one-year certificate is designed to teach up-hill and down-hill pipe welding-fixed position

		Semester Hours
WEL 123	Arc Welding I	3
WEL 124	Arc Welding II and Low	5
WEL 128	Pipe Welding	3
WEL 160	Introduction to Welding	3
TOTAL		14

Current In-District Rate Semester Credit Hour:

\$125.00 per Credit Hour \$15.00 Technology Fee/per Credit Hour

Lab fees Vary

\$60.00 Lab Fee for Arc Welding I (WEL 123)

\$70.00 Lab Fee for Arc Welding II and Low (WEL 124)

\$60.00 Lab Fee for Pipe Welding (WEL 128)

\$60.00 Lab Fee for Introduction to Welding (WEL 160)

Total Projected Program Cost – \$2,210.00

MIG Welding

Less-Than-One-Year Certificate

This less-than-one-year certificate provides the techniques of metallic inert gas (semi-auto welding). Concentration is on a flat bend test horizontal, vertical up-hill and down-hill and overhead welding.

		Semester Hours
WEL 125	Gas Metal Arc Welding (MIG)	3
WEL 160	Introduction to Welding	3
TOTAL		6

Current In-District Rate Semester Credit Hour:

\$125.00 per Credit Hour \$15.00 Technology Fee/per Credit Hour

Lab fees Vary

\$60.00 Lab Fee for Gas Metal Arc Welding (WEL 125)

\$60.00 Lab Fee for Introduction to Welding (WEL 160)

Total Projected Program Cost – \$960.00

Possible Career Opportunities: Aluminum Welder * Fabrication Welder * Fabricator * Fitter/Welder * Mig Welder * Sub Arc Operator * Welder Welder-Fitter * Welder/Fabricator

O*NET Links: www.onetonline.org SOC Codes: **51-4121.06**