

Important information about the educational debt, earnings, and completion rates of students who attended this program can be found in section D.

Welding Gas Metal Arc and Flux Cored Arc

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Certificate in Applied Science
Credit Requirements: 24 Semester Credit Hours
Spring Semester Start

This certificate teaches beginning and intermediate welding students the principles and practices of gas metal arc and flux cored arc welding in preparation for entry into the welding fields of manufacturing, construction, transportation and maintenance.

Admission into this program requires qualifying scores on SAT, ACT or TTC's placement test. High school graduation is not required if you are at least 18 years old.

Recommended Sequence of Courses
First Semester – Spring

WLD 110	Welding Safety and Health	1
WLD 118	Gas Metal Arc Welding Ferrous I	4
WLD 119	Gas Metal Arc Welding Ferrous II	1
		Total 6

Second Semester – Summer

WLD 120	Flux Cored Arc Welding I	4
WLD 121	Flux Cored Arc Welding II	1
		Total 5

Third Semester – Fall

EGT 114	Welding Print Basics	2
WLD 122	Gas Metal Arc Welding Non-Ferrous I	4
WLD 123	Gas Metal Arc Welding Non-Ferrous II	1
WLD 141	Weld Quality	2
		Total 9

Fourth Semester – Spring

EGT 117	Welding Print Principles	2
WLD 201	Welding Metallurgy	2
		Total 4

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Certificate in Applied Science
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Summer Semester Start

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Recommended Sequence of Courses
First Semester – Summer

WLD 118	Gas Metal Arc Welding Ferrous I	4
WLD 119	Gas Metal Arc Welding Ferrous II	1
		Total 5

Second Semester – Fall

EGT 114	Welding Print Basics	2
WLD 110	Welding Safety and Health	1
WLD 120	Flux Cored Arc Welding I	4
WLD 121	Flux Cored Arc Welding II	1
WLD 141	Weld Quality	2
		Total 10

Third Semester – Spring

EGT 117	Welding Print Principles	2
WLD 122	Gas Metal Arc Welding Non-Ferrous I	4
WLD 123	Gas Metal Arc Welding Non-Ferrous II	1
WLD 201	Welding Metallurgy	2
		Total 9

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