

Industrial Technology

Second Semester – Fall

EGT 114	Welding Print Basics	2
WLD 110	Welding Safety and Health	1
WLD 201	Welding Metallurgy	2

Total 5

Third Semester – Spring

EGT 117	Welding Print Principles	2
WLD 141	Weld Quality	2

Total 4

Welding Shielded Metal Arc

Certificate in Applied Science

Credit Requirements: 25 Semester Credit Hours

Fall Semester Start

This certificate teaches beginning and intermediate welding students the principles and practices of shielded metal arc welding in preparation for entry into the welding fields of construction, fabrication 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.

Students can enter the certificate program in any semester.

Recommended Sequence of Courses

First Semester – Fall

EGT 114	Welding Print Basics	2
WLD 101	Cutting Processes	1
WLD 110	Welding Safety and Health	1
WLD 111	Arc Welding I	4
WLD 201	Welding Metallurgy	2

Total 10

Second Semester – Spring

EGT 117	Welding Print Principles	2
WLD 113	Arc Welding II	4
WLD 114	Advanced Arc Welding	1
WLD 141	Weld Quality	2

Total 9

Third Semester – Summer

WLD 145	Field Welding	2
WLD 170	Qualification Welding	4

Total 6

Welding Shielded Metal Arc

Certificate in Applied Science

Credit Requirements: 25 Semester Credit Hours

Spring Semester Start

This certificate teaches beginning and intermediate welding students the principles and practices of shielded metal arc welding in preparation for entry into the welding fields of construction, fabrication 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.

Students can enter the certificate program in any semester.

Recommended Sequence of Courses

First Semester – Spring

WLD 101	Cutting Processes	1
WLD 110	Welding Safety and Health	1
WLD 111	Arc Welding I	4

Total 6

Second Semester – Summer

WLD 113	Arc Welding II	4
WLD 114	Advanced Arc Welding	1

Total 5

Third Semester – Fall

EGT 114	Welding Print Basics	2
WLD 145	Field Welding	2
WLD 170	Qualification Welding	4
WLD 201	Welding Metallurgy	2

Total 10

Fourth Semester – Spring

EGT 117	Welding Print Principles	2
WLD 141	Weld Quality	2

Total 4