

Industrial Technology

Recommended Sequence of Courses

First Semester – Spring

WLD 231	Gas Metal Arc/Flux Cored Arc Welding Pipe I	4
WLD 232	Gas Metal Arc/Flux Cored Arc Welding Pipe II	2
Total		6

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 Gas Tungsten Arc

Certificate in Applied Science

Credit Requirements: 24 Semester Credit Hours

Fall Semester Start

This certificate teaches beginning and intermediate welding students the principles and practices of gas tungsten arc welding carbon steel, aluminum and stainless steel sheet metal, plate and tubing.

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 110	Welding Safety and Health	1
WLD 132	Inert Gas Welding Ferrous	4
WLD 133	Inert Gas Welding Ferrous Tubing	1
WLD 201	Welding Metallurgy	2
Total		10

Second Semester – Spring

EGT 117	Welding Print Principles	2
WLD 141	Weld Quality	2
WLD 152	Tungsten Arc Welding	4
WLD 153	Tungsten Arc Welding Stainless Steel Tubing	1
Total		9

Third Semester – Summer

WLD 135	Inert Gas Welding of Aluminum	4
WLD 137	Inert Gas Welding Aluminum Tubing	1
Total		5

Welding Gas Tungsten Arc

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 tungsten arc welding carbon steel, aluminum and stainless steel sheet metal, plate and tubing.

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 110	Welding Safety and Health	1
WLD 132	Inert Gas Welding Ferrous	4
WLD 133	Inert Gas Welding Ferrous Tubing	1
Total		6

Second Semester – Summer

WLD 152	Tungsten Arc Welding	4
WLD 153	Tungsten Arc Welding Stainless Steel Tubing	1
Total		5

Third Semester – Fall

EGT 114	Welding Print Basics	2
WLD 135	Inert Gas Welding of Aluminum	4
WLD 137	Inert Gas Welding Aluminum Tubing	1
WLD 201	Welding Metallurgy	2
Total		9

Fourth Semester – Spring

EGT 117	Welding Print Principles	2
WLD 141	Weld Quality	2
Total		4