

Industrial Technology

Admission into this program requires qualifying scores on SAT, ACT or the TTC placement test. High school graduation is not required if you are at least 18 years old and can provide proof of 10th grade completion. (No correspondence schools.)

Recommended Sequence of Courses

First Semester

COS 130	Professional Image	2
COS 131	Bacteria and Other Infectious Agents	2
COS 132	Science of Nail Technology	2
COS 133	Basic Procedures	3
COS 135	The Business of Nail Technology	2
COS 136	Fundamentals of Artificial Nail Application	4
COS 137	Fundamentals of Nail Art	1
COS 224	Nail Practice I	4
COS 226	Nail Practice II	4

Total 24

Welding Gas Metal Arc and Flux Cored 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 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 – Fall

EGT 114	Welding Print Basics	2
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
WLD 201	Welding Metallurgy	2

Total 10

Second Semester – Spring

EGT 117	Welding Print Principles	2
WLD 120	Flux Cored Arc Welding I	4
WLD 121	Flux Cored Arc Welding II	1
WLD 141	Weld Quality	2

Total 9

Third Semester – Summer

WLD 122	Gas Metal Arc Welding Nonferrous I	4
WLD 123	Gas Metal Arc Welding Nonferrous II	1

Total 5

Welding Gas Metal Arc and Flux Cored 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 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 Nonferrous I	4
WLD 123	Gas Metal Arc Welding Nonferrous II	1
WLD 201	Welding Metallurgy	2

Total 9

Fourth Semester – Spring

EGT 117	Welding Print Principles	2
WLD 141	Weld Quality	2

Total 4