

**Concentration Group 2: Gas Tungsten Arc**

WLD 132	Inert Gas Welding Ferrous	4
WLD 133	Inert Gas Welding Ferrous Tubing	1
WLD 152	Tungsten Arc Welding	4
WLD 153	Tungsten Arc Welding Stainless Steel Tubing	1
WLD 135	Inert Gas Welding of Aluminum	4
WLD 137	Inert Gas Welding Aluminum Tubing	1

**Concentration Group 3: Gas Metal Arc and Flux Cored Arc**

WLD 118	Gas Metal Arc Welding Ferrous I	4
WLD 119	Gas Metal Arc Welding Ferrous II	1
WLD 120	Flux Cored Arc Welding I	4
WLD 121	Flux Cored Arc Welding II	1
WLD 122	Gas Metal Arc Welding Nonferrous I	4
WLD 123	Gas Metal Arc Welding Nonferrous II	1

**Secondary Path**

EGT 109	Introduction to Engineering Design Graphics	3
EGT 114	Welding Print Basics	2
EGT 117	Welding Print Principles	2
EGT 151	Introduction to CAD	3
EGT 152	Fundamentals of CAD	3

**Additional Requirements**

WLD 110	Welding Safety and Health	1
WLD 141	Weld Quality	2
WLD 201	Welding Metallurgy	2
WLD 240	Robotic Welding and Manufacturing	4

**Welding Career Path**

**Credit Requirements: 70-71 Semester Credit Hours Evening**

**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**

**Fourth Semester – Fall**

EGR 110	Introduction to Computer Environment	3
*WLD 118	Gas Metal Arc Welding Ferrous I	4
*WLD 119	Gas Metal Arc Welding Ferrous II	1

**Total 8**

**Fifth Semester – Spring**

*WLD 120	Flux Cored Arc Welding I	4
*WLD 121	Flux Cored Arc Welding II	1
WLD 240	Robotic Welding and Manufacturing	4

**Total 9**

**Sixth Semester – Summer**

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

**Total 5**

**Seventh Semester – Fall**

EGT 109	Introduction to Engineering Design Graphics	3
ENG 101	English Composition I	3
PSY 201	General Psychology	3

**Total 9**

**Eighth Semester – Spring**

EGT 151	Introduction to CAD	3
REQ MAT	Select one math course from Mathematics/Natural Sciences listing on page B-4	3
REQ HUM	Select one course from Humanities listing on page B-3	3

**Total 9**

**Ninth Semester – Summer**

EGT 152	Fundamentals of CAD	3
SPC 209	Interpersonal Communication	3

**Total 6**

*\*Other Welding courses may be substituted as shown in the Primary Path above. Courses shown with \* are the Gas Metal Arc and Flux Cored Arc and the Gas Tungsten Arc concentration.*