

## Curriculum Sequence Checklist Welding Technology – A50420

### Course and Hour Requirements:

#### First Semester (*Fall*)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
ACA 122	College Transfer Success	(NONE)	0	2		1
ENG 110	Freshman Composition	(DRE 097)	3	0		3
<b>OR</b>						
ENG 111	Writing and Inquiry	(DRE 098)	3	0		3
WLD 110	Cutting Processes	(None)	1	3		2
WLD 115	SMAW (Stick) Plate	(None)	2	9		5
WLD 121	GMAW (Mig) FCAW/Plate	(None)	2	6		4
<b>Semester Total</b>						15

#### Second Semester (*Spring*)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
CIS 110	Introduction to Computers	(None)	2	2		3
COM 110	Intro to Communication	(RED 090)	3	0		3
<b>Or</b>						
COM 231	Public Speaking	(RED 090)	3	0		3
MAT 121	Algebra/Trigonometry I	(DMA 010,DMA 020, DMA 030,DMA 040,DMA 050 & DMA 060)	2	2		3
<b>OR</b>						
MAT 171	Precalculus Algebra	(DMA 010,DMA 020, DMA 030,DMA 040,DMA 050 & DMA 060,DMA 070,DMA 080 <b>or</b> MAT 121)	3	2		4
WLD 116	SMAW (Stick) Plate/Pipe	(WLD 115)	1	9		4
WLD 131	GTAW (Tig) Plate	(None)	2	6		4
<b>Semester Total</b>						17 <i>or</i> 18

#### Third Semester (*Summer*)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
DFT 151	CAD I	(Cis 110 or CIS113 or Egr 125)	3	2		3
WLD 132	GTAW (Tig) Plate/Pipe	(WLD 131)	1	6		3
<b>Semester Total</b>						6

**Fourth Semester (Fall)**

<b>Course:</b>	<b>Course Name:</b>	<b>Prereq/Coreq</b>	<b>Class</b>	<b>Lab</b>	<b>Clin/Exp</b>	<b>Credit</b>
BPR 111	Print Reading	(None)	1	2		2
Humanities /Fine Arts	Arts Core Elective	(Course Dependent)	3	0		3
MAC 121	Introduction to CNC	(None)	2	0		2
WLD 141	Symbols & Specifications	(None)	2	2		3
WLD 151	Fabrication I	(DFT 119 <i>Or</i> DFT 151 <i>And</i> Coreq MAC 121)	2	6		4
WLD 265	Automated Welding/Cutting	(WLD-110, WLD-121&DFT-151)	2	6		4
<b>Semester Total</b>						18

**Fifth Semester (Spring)**

<b>Course:</b>	<b>Course Name:</b>	<b>Prereq/Coreq</b>	<b>Class</b>	<b>Lab</b>	<b>Clin/Exp</b>	<b>Credit</b>
ISC 112	Industrial Safety		2	2		2
Social/Behavioral Science	Core Elective	(Course Dependent)	3	0		3
WLD 122	GMAW (Mig) Plate/Pipe	(WLD 121)	1	6		3
WLD 251	Fabrication II	(WLD 151)	1	6		3
WLD 261	Certification Practices	(WLD 115,WLD 121, & WLD 131)	1	3		2
WLD 262	Inspection & Testing	(None)	2	2		3
<b>Semester Total</b>						16

<b>Total Hours for Graduation</b>	<b>72-74</b>
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