

**Curriculum Sequence Checklist  
Welding Technology Diploma – D50420**

**Course and Hour Requirements:**

**First 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>
CIS 110	Introduction to Computers	(None)	2	2		3
MAT 110 <i>or</i> MAT 121	Mathematical Measurement  Algebra/Trigonometry I	  (DMA 010,DMA 020, DMA 030,DMA 040,DMA 050 & DMA 060)	2  2	2  2		3  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>						<b>17</b>

**Second 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>
DFT 151	CAD I	(Cis 110 or CIS113 or EGR 125)	3	2		3
ENG 110 <i>OR</i> ENG 111	Freshman Composition  Writing and Inquiry	(DRE 097)  (DRE 098)	3  3	0  0		3  3
WLD 122	GMAW (Mig) Plate/Pipe	(WLD 121)	1	6		3
WLD 131	GTAW (Tig) Plate	(None)	2	6		4
<b>Semester Total</b>						<b>13</b>

**Third Semester (Summer)**

<b>Course:</b>	<b>Course Name:</b>	<b>Prereq/Coreq</b>	<b>Class</b>	<b>Lab</b>	<b>Clin/Exp</b>	<b>Credit</b>
WLD 132	GTAW (Tig) Plate/Pipe	(WLD 131)	1	6		3
<b>Semester Total</b>						<b>3</b>

**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>
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
<b>Semester Total</b>						<b>9</b>

**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>
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>						<b>5</b>

<b>Total Hours for Graduation</b>	<b>47</b>
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