

**Curriculum Sequence Checklist**  
**Computer-Integrated Machining Diploma – D50210**

**Course and Hour Requirements:**

			<u>Prereq/Coreq</u>	<u>Class</u>	<u>Lab</u>	<u>Clin/Exp</u>	<u>Credit</u>
<b>First Semester (Fall)</b>							
BPR	111	Print Reading	(None)	1	2	0	2
ENG	110	Freshman Composition	(DRE 097)	3	0	0	3
<b>OR</b>							
ENG	111	Writing and Inquiry	(DRE 098/ACA 115 or ACA 122)	3	0	0	3
MAC	141	Machining Applications I		2	6	0	4
MAC	141A	Machining Appl I Lab	(Coreq MAC 141)	0	6	0	2
MAC	171	Measure/Material & Safety		0	2	0	1
MAC	121	Intro. to CNC	(None)	2	0	0	2
MAC	151	Machining Calculations	(None)	1	2	0	<u>2</u>
Semester Total							
17							
<b>Second Semester (Spring)</b>							
ISC	112	Industrial Safety	(None)	2	0	0	2
MAC	142	Machining Applications II	(MAC 141A & Coreq MAC 142A)	2	6	0	4
MAC	142A	Machining Appl II Lab	(MAC 141 & Coreq MAC 142)	0	6	0	2
MAC	122	CNC Turning	(MAC 121)	1	3	0	2
MAC	124	CNC Milling	(MAC 121)	1	3	0	2
MAC	152	Machining Calculations	(MAC 151)	1	2	0	2
MAT	110	Mathematical Measurement	(DMA 110, DMA 020, & DMA 030)	2	2	0	3
<b>Or</b>							
MAT	121	Algebra/Trigonometry I	(DMA 010, DMA 020, DMA 030, DMA 040, DMA 0050, and DMA 060)	2	2	0	<u>3</u>
Semester Total							
17							
<b>Third Semester (Summer)</b>							
DFT	119	Basic CAD	(None)	1	2	0	2
MAC	143	Machining Applications III	(MAC 142)	2	6	0	4
Semester Total							6

**Total Hours for Graduation**

**39**

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