

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

Course and Hour Requirements:

First Semester (Fall)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
BPR 111	Print Reading	(NONE)	1	2		2
ENG 110	Freshman Composition	(DRE 097)	3	0		3
OR						
ENG 111	Writing and Inquiry	(DRE 098)	3	0		3
MAC 141	Machining Applications I	(NONE)	2	6		4
MAC 141A	Machining Appl I Lab	(Coreq MAC 141)	0	6		2
MAC 171	Measure/Material & Safety	(NONE)	0	2		1
MAC 121	Intro. to CNC	(NONE)	2	0		2
MAC 151	Machining Calculations	(NONE)	1	2		2
Semester Total						16

Second Semester (Spring)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
ISC 112	Industrial Safety	(None)	2	0		2
MAC 142	Machining Applications II	(MAC 141) (MAC 141A)	2	6		4
MAC 142A	Machining Appl II Lab	(Coreq MAC 142)	0	6		2
MAC 124	CNC Milling	(MAC 121)	1	3		2
MAC 152	Machining Calculations	(MAC 151)	1	2		2
MAT 110	Mathematical Measuremen	(DMA 010,DMA 020, DMA 030,DMA 040,DMA 050, DMA 060)	2	2		3
OR						
MAT 121	Algebra/Trigonometry I	(DMA 010,DMA 020, DMA 030,DMA 040,DMA 050 & DMA 060)	3	2		4
Semester Total						15-16

Third Semester (Summer)

Course:	Course Name:	Prereq/Coreq	Class	Lab	Clin/Exp	Credit
DFT 119	Basic CAD	(None)	1	2		2
MAC 143	Machining Applications III	(MAC 142) (MAC 142A)	2	6		4
Semester Total						6

Total Hours for Graduation	37-38
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