MORAINE PARK TECHNICAL COLLEGE

CNC Set-Up/Operator Certificate - Academic Planner

Certificate: 97-444-1

Campus: West Bend

Curriculum for 2016-2017

12/1/2015

✓	T/G	Subj	Num	Title	Lec	Lab	Other	Total Hours	Credits	Prerequisites and/or Corequisites	S	F	SP	Comments
				Term 1:							S	F	SP	
		103	159	Computer Literacy - Microsoft Office		2		36	1		x	x	x	May be eligible for Advanced Standing.
	T	439	301	Introduction to Basic Machining	1	1		36	1			x		Students must possess fundamental computer skills and have experience with Windows Operating System.
	T	439	303	Basic Machining - Milling	1	3		72	2	Completion of or concurrent enrollment in 439-301 Introduction to Basic Machining		x		
	T	439	305	Basic Machining - Drilling and Grinding	1	3		72	2	439-301 Introduction to Basic Machining; 439-303 Basic Machining - Milling		x		
	T	439	399	2D AutoCAD Mold and Die Print Reading	4			72	2			x		
	T	444	302	CNC Controls	1	3		72	2			x		Recommended: 103-189 Microsoft Windows or 103-159 Computer Literacy - Microsoft Office
	T	444	333	Basics of Metrology	2			36	1	103-159 Computer Literacy - Microsoft Office		x		
	T	444	350	Basic Programming	2	4		108	3	Completion of or concurrent enrollment in 103-159 Computer Literacy - Microsoft Office		x		
	G	804	360	Occupational Mathematics 1	3			54	2			x		
				Total 1st Term Credits					**16**					
				Term 2:							S	F	SP	
	T	444	340	Beginning CAM - Mastercam	1	3		72	2	444-350 Basic Programming			x	Working knowledge of CNC programming language is desired.
	T	444	355	CNC Machining Center Programming	2	2		72	2	444-350 Basic Programming			x	Working knowledge of CNC programming and CAM is helpful.
	T	444	365	CNC Machining Center Operation	2	2		72	2	444-355 CNC Machining Center Programming			x	
	G	804	361	Occupational Mathematics 2	3			54	2	804-360 Occupational Mathematics 1			x	
				Total 2nd Term Credits					**8**					
				Total Certificate Credits					**24**					

T/G: T - Technical Studies course; G - General Studies course

Semester Codes: S-Summer; F-Fall; SP-Spring

Curriculum and program acceptance requirements are subject to change.

If Student Success Center or General College courses (ie: 831-103 Introduction to College Writing, 838-105 Introduction to Reading and Study Skills, 834-109 Pre-Algebra) are required based on college placement; or if the student elects part-time enrollment, the time required to complete the program will increase.

For a complete list of course descriptions for this program, please consult the College Catalog at http://www.morainepark.edu/MPTCCatalog.

cnc-set---up-operator-certificate.xlsx