

## CNC/Tool and Die Technologies (32-444-2)

### Evening Program Delivery

Start January 2012

Revision Date: 9/24/2012

	Cr	Wtr 12	Spr 12	Sum 12	Fall 12	Wtr 13	Spr 13	Sum 13	Fall 13	Wtr 14	Spr 14	Sum 14	Fall 14
103-159 Computer Literacy	1	x											
890-125 Student Success	1	x											
439-301 Intro. To Basic Machining	1		T1										
439-303 Basic Machining - Milling	2		T2										
439-399 AutoCAD / Mold & Die Print Rdg	2		T1										
444-302 CNC Controls	2		T2										
804-360 Occupational Math 1	2		T1										
444-333 Basic Metrology	1			x									
444-350 Basic Programming	3			x									
439-305 Basic Mach. Drilling & Grinding	2				T1								
439-306 Basic Machining - Turning	2				T2								
444-311 Tooling & Workholding	2				x								
804-361 Occupational Math 2	2				x								
444-310 Material Selection	1					x							
444-340 Beginning CAM - Mastercam	2					x							
444-342 Advanced CAM 2D	2						x						
444-346 Design for 3D Machining	2						x						
444-355 CNC Machining Center Prgm	2						T1						
444-365 CNC Machining Center Operat.	2						T2						
444-343 Beginning CAM 3D	2							x					
890-130 Career Development	1							x					
439-324 Pierce and Die Making	3								x				
444-312 Prod. Engineer. - Lean Mfg	1								x				
444-375 Turning Center Operation	2								T2				
444-385 Turning Center Programming	2								T1				
444-346 Advanced CAM 3D	2									x			
439-329 Compound Die Making	3										x		
444-313 Product Manufacturing	2										x		
444-386 Advanced Machining Center	2										x		
444-391 Coord. Measuring Machining	3										x		
801-310 Occupational Communications	2											x	
804-362 Occupational Math 3	2											x	
439-334 Single Cavity Mold Making	3												T1
439-339 Multi Cavity Mold Making	3												T2
444-394 Advanced Turning Center	2												x
<b>Credits By Term</b>		<b>2</b>	<b>9</b>	<b>4</b>	<b>8</b>	<b>3</b>	<b>8</b>	<b>3</b>	<b>8</b>	<b>2</b>	<b>10</b>	<b>4</b>	<b>8</b>

**CNC Set-Up/Operator Certificate** is comprised of these shaded courses.

\*Most spring/fall classes will be divided into 8 week terms