



# Tool and Die Technologies Apprenticeship - Academic Planner

Apprenticeship: 50-439-4

Campus: West Bend

Curriculum for 2014-2015

2/1/2014

Program Advisor: \_\_\_\_\_

✓	Course			Title	Total		Prerequisites and/or Corequisites	Typically			Comments
	T/G	Subj	Num		Hours	Credits		Offered			
				<b>Term 1:</b>				<b>S</b>	<b>F</b>	<b>SP</b>	
	T	420	520	Mold Making	36	1			x		<i>Must be a state contracted apprentice to enroll in this program.</i>
	T	420	563	Machine Technology	36	1			x		
	T	420	580	2D CAD	36	1			x		
	G	804	582	Mathematics 1 (or)	36	1			x		
	G	804	584	Mathematics 3			804-583 Mathematics 2		x		
				<b>Term 2:</b>				<b>S</b>	<b>F</b>	<b>SP</b>	
	T	420	579	Introduction to Computer-Aided Manufacturing *	36	1				x	
	T	420	586	Die Making	36	1				x	
	T	422	505	Metallurgy *	36	1				x	
	G	804	583	Mathematics 2 (or)	36	1	804-582 Mathematics 1			x	
	G	804	585	Mathematics 4			804-584 Mathematics 3			x	
				<b>Term 3:</b>				<b>S</b>	<b>F</b>	<b>SP</b>	
	T	420	561	Jigs and Fixtures	18	0.5			x		
	T	420	572	3D CAD *	54	1.5			x		
	T	421	555	Blueprint Reading	36	1			x		
	G	804	582	Mathematics 1 (or)	36	1			x		
	G	804	584	Mathematics 3			804-583 Mathematics 2		x		
				<b>Term 4:</b>				<b>S</b>	<b>F</b>	<b>SP</b>	
	T	420	565	CNC	54	1.5		x			
	T	420	571	Sinker/Wire EDM *	54	1.5		x			
	G	804	583	Mathematics 2 (or)	36	1	804-582 Mathematics 1	x			
	G	804	585	Mathematics 4			804-584 Mathematics 3	x			
				<b>Total Program Hours/Credits</b>	<b>576</b>	<b>16</b>					

\*Comprehensive tests are the exit assessment graduation requirement for the program.

Note: Classes are offered one day per week - 8 hours per day.

Related Electives (Unpaid Related)											
				Transition to Trainer, Your Role as a							
		455	455	Journeyworker	8	0.20		x	x	x	Required class - take last year of apprenticeship
		531	465	Heartsaver First Aid/CPR	7	0.20			x	x	Required class - take first year of apprenticeship

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.

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

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