



Tool and Die Technologies Apprenticeship - Academic Planner

Apprenticeship: 50-439-4
 Campus: West Bend
 Curriculum for 2016-2017

12/1/2015

Program Advisor: _____

✓	T/G	Course		Title	Total		Prerequisites and/or Corequisites	Typically			Comments
		Subj	Num		Hours	Credits		Offered			
				Term 1:				S	F	SP	
	T	420	520	Mold Making	36	1			x		
	T	420	563	Machine Technology	36	1			x		<i>Must be a state contracted apprentice to enroll in this program.</i>
	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		
				Term 2:				S	F	SP	
	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
				Term 3:				S	F	SP	
	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		
				Term 4:				S	F	SP	
	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		
				Total Program Hours/Credits	576	16					

*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>.
