



Tool and Die Technologies Apprenticeship - Academic Planner

Apprenticeship Program Code: 50-439-4

Campus: West Bend

Curriculum for 2012-2013

10/31/2011

Program Advisor: _____

No accuplacer testing required.

✓	T/G	Course		Title	Total Hours	Credits	Prerequisites and/or Corequisites	Typically Offered			Comments
		Subj	Num					S	F	SP	
Term 1:								S	F	SP	
New Program Students: Attend New Student Orientation											<i>Must be a state contracted apprentice to enroll in this program.</i>
	T	420	520	Mold Making	36	1			x		
	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		
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 required for graduation from the program.											
Note: Classes are offered one day per week - 8 hours per day.											
Related Electives (Unpaid Related)											
		531	465	Heartsaver First Aid/CPR	7	0.20			x	x	Required class - take first year of apprenticeship
		455	455	Transition to Trainer, Your Role as a Journeyworker	8	0.20		x	x	x	Required class - take last 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>.