



Fabrication Technologies - Academic Planner

Associate Degree: 10-457-1

Campus: Fond du Lac

Curriculum for 2013-2014

11/1/2012

Program Advisor: _____

Entrance Assessment Scores	Assessment Areas	ACT	Accuplacer
	English/Sentence Skills	16	76
	Reading/Reading Comprehension	16	67
	Math/Arithmetic	18	79

✓	T/G	Course		Title	Hours / Week			Total Hours	Credits	Prerequisites and/or Corequisites	Typically Offered			Comments
		Subj	Num		Lec	Lab	Other				S	F	SP	
Term 1:														
New Program Students: Attend New Student Orientation and your Priority Registration Session														
		103	159	**Computer Literacy - Microsoft Office		2		36	1		x	x	x	**Institutional Requirement. May be eligible for Advanced Standing.
	T	442	109	Welding for Fabricators	1	6		126	4	Completion of or concurrent enrollment in 103-159 Computer Literacy - Microsoft Office and 890-101 College 101		x		
	T	457	145	Metal Fabrication	1	6		126	4	Completion of or concurrent enrollment in 103-159 Computer Literacy - Microsoft Office; 442-109 Welding for Fabricators OR 442-309 Intro to Welding Processes OR 442-307 Intro to Welding Processes Part A AND 442-308 Intro to Welding Processes, Part B; 623-110 Technical Print Reading; 804-113 College Technical Mathematics 1A; 890-101 College 101			x	Student project may incur additional fees.
	T	623	110	Technical Print Reading	1	2		54	2	Completion of or concurrent enrollment in 103-159 Computer Literacy - Microsoft Office and 804-113 College Technical Mathematics 1A			x	
	G	804	113	College Technical Mathematics 1A	3			54	3		x	x	x	
		890	101	**College 101	2			36	2		x	x	x	**Institutional Requirement
Total 1st Term Credits									16					
Term 2:														
	T	457	146	Advanced Fabrication Techniques*	1	6		126	4	457-145 Metal Fabrication; Completion of or concurrent enrollment in 457-148 Metal Cutting and Forming Processes				x
	T	457	147	Metallurgy	2			36	2					x
	T	457	148	Metal Cutting and Forming Processes	1	4		90	3	Completion of or concurrent enrollment in 623-110 Technical Print Reading; 804-113 College Technical Mathematics 1A				x
	T	623	162	Manufacturing Processes	2	2		72	3			x	x	
	G	801	136	English Composition 1	3			54	3		x	x	x	
	G	804	114	College Technical Mathematics 1B	2			36	2	804-113 College Technical Mathematics 1A	x	x	x	
Total 2nd Term Credits									17					

✓	T/G	Course		Title	Hours / Week			Total Hours	Credits	Prerequisites and/or Corequisites	Typically Offered			Comments	
		Subj	Num		Lec	Lab	Other				S	F	SP		
Term 3:											S	F	SP		
	T	457	110	Integrated Manufacturing Planning - Fabrication Technologies		4		72	2	457-146 Advanced Fabrication Techniques; 457-147 Metallurgy; 457-148 Metal Cutting and Forming Processes		x		Program restricted. It is recommended that students take 457-111 Integrated Mfg Production - Fabrication Technologies the semester after completing this course.	
	T	617	114	CAD 3D, SolidWorks	2	2		72	3			x	x	x	Previous drafting experience or course and previous work on computers (Microsoft products such as Word, Excel, etc.) is recommended.
	T	623	151	Lean Manufacturing	2	2		72	3	623-162 Manufacturing Processes or dean consent		x			
	T	623	196	Geometric Dimensioning and Tolerancing	2	2		72	3	804-113 College Technical Math 1A		x		A print reading background is recommended.	
	G	801	196	Oral and Interpersonal Communication	3			54	3			x	x	x	
	G	806	137	Comprehensive Technical Physics	3	2		90	4	804-107 College Mathematics OR 804-114 College Technical Math 1B		x		x	
Total 3rd Term Credits									18						
Term 4:											S	F	SP		
Apply for Graduation (which includes a \$30 graduation fee)															
	T	457	111	Integrated Manufacturing Production - Fabrication Technologies*		4		72	2	457-110 Integrated Manufacturing Planning - Fabrication Technologies				x	Program restricted. It is recommended that students take this course the semester after completing 457-110 Integrated Mfg. Planning - Fabrication Technologies
	T	628	122	Basic CNC Programming and Operation	1	4		90	3	103-159 Computer Literacy - Microsoft Office; Completion of or concurrent enrollment in 623-162 Manufacturing Processes or dean consent		x		x	
	G	809	166	Introduction to Ethics: Theory and Application	3			54	3	801-136 English Composition 1		x	x	x	
	G	809	195	Economics	3			54	3	801-136 English Composition 1		x	x	x	
	G	809	199	Psychology of Human Relations	3			54	3			x	x	x	
Total 4th Term Credits									14						
Total Program Credits and Institutional Requirements									65						
**The credits for 103-159 Computer Literacy-Microsoft Office and 890-101 College 101 are Institutional Requirements for graduation. Consequently, they are not part of the program credit requirements.															
*Capstone Projects are the exit assessment graduation requirement for the program.															
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 Intro to College Writing, 838-104 Intro to College Reading, 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 .															