



Fabrication Technologies - Academic Planner

Associate of Applied Science Degree: 10-457-1

Campus: Fond du Lac

Curriculum for 2015-2016

12/1/2014

Program Advisor: _____

✓	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; 890-101 College 101		x		Restricted to Fabrication Technologies and Metal Fabrication program students.
	T	457	145	Fabrication Techniques	1	6		126	4	Completion of or concurrent enrollment in 442-109 Welding for Fabricators; 623-110 Technical Print Reading		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; 804-113 College Technical Mathematics 1A or 804-360 Occupational Mathematics 1		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 Fabrication Techniques or 442-345 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 442-331 Welding Print Reading or; 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 Manufacturing 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 Mathematics 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	804-114 College Technical Mathematics 1B		x	x	
Total 3rd Term Credits									18					
Term 4:											S	F	SP	
Apply for Graduation when completing Term 4 registration.														
	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 Manufacturing 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 Introduction to College Writing, 838-105 Introduction to Reading and Study Skills, 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>.