



Civil Engineering Technician - Structural - Academic Planner

Associate of Applied Science Degree: 10-607-5

Campus: Fond du Lac

Curriculum for 2016-2017

12/1/2015

Program Advisor: _____

✓	T/G	Course		Hours / Week			Total Hours	Credits	Prerequisites and/or Corequisites	Typically Offered			Comments	
		Subj	Num	Lec	Lab	Other				S	F	SP		
Term 1:										S	F	SP		
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. Suggested to take before fall semester.
	T	607	116	Architectural Drafting for Civil Engineering			1	6	126	4		x		High school drafting advisable
	T	607	176	AutoCAD 1			2	2	72	3		x		Drafting experience or completion of a mechanical drafting/technical print reading course would be helpful.
	G	801	136	English Composition 1			3		54	3	x	x	x	
	G	804	113	College Technical Mathematics 1A			3		54	3	x	x	x	
	G	804	114	College Technical Mathematics 1B			2		36	2	x	x	x	
		890	101	**College 101			2		36	2				**Institutional Requirement. Suggested to take before fall semester.
Total 1st Term Credits										18				
Term 2:										S	F	SP		
	T	607	110	Civil Drafting Fundamentals			2	4	108	4			x	Basic blueprint reading and/or high school drafting are helpful but not required
	T	607	135	Construction Surveying			2	2	72	3			x	
	T	607	178	Revit			2	2	72	3			x	Knowledge of computer-aided drafting, construction methods and basic computer skills will be beneficial.
	G	801	196	Oral and Interpersonal Communication			3		54	3	x	x	x	
	G	804	116	College Technical Mathematics 2			4		72	4	x	x	x	
Total 2nd Term Credits										17				

✓	Course		Hours / Week			Total		Prerequisites and/or Corequisites	Typically Offered			Comments	
	T/G	Subj Num	Lec	Lab	Other	Hours	Credits		S	F	SP		
Term 3:													
	T	607	114	Structural Drafting	2	4		108	4	607-116 Architectural Drafting for Civil Engineering		x	
	T	607	122	Mechanical Construction	2	2		72	3	804-114 College Technical Mathematics 1B		x	
	T	607	131	Structural Analysis 1	2	2		72	3	804-114 College Technical Mathematics 1B		x	
	T	607	140	Soils and Foundations	1	4		90	3	804-114 College Technical Mathematics 1B		x	
	G	809	166	Introduction to Ethics: Theory and Application	3			54	3	801-136 English Composition 1	x	x	x
	G	809	199	Psychology of Human Relations (or)	3			54	3		x	x	x
	G	809	198	Introduction to Psychology							x	x	x
Total 3rd Term Credits									19				
Term 4:													
Apply for Graduation when completing Term 4 registration.													
	T	607	123	Construction Estimating	2	2		72	3	607-114 Structural Drafting or dean consent			x
	T	607	132	Structural Analysis 2	2	2		72	3	607-131 Structural Analysis 1; 804-116 College Technical Mathematics 2			x
	T	607	137	Site Development	2	2		72	3	607-110 Civil Drafting Fundamentals			x
	T	607	150	Technical Problems*	2	2		72	3	607-110 Civil Drafting Fundamentals; 607-114 Structural Drafting; 607-122 Mechanical Construction; 607-131 Structural Analysis 1; 607-140 Soils and Foundations			x
Total 4th Term Credits									12				
Additional Credits of Electives Required									3				
Total Program Credits and Institutional Requirements									69				
**The credits for 103-159 Computer Literacy-Microsoft Office and 890-101 College 101 are Institutional Requirements for graduation.													
*A capstone project is an 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 www.morainepark.edu/MPTCCatalog.

Suggested Elective: _____

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