



Electricity - Academic Planner

Technical Diploma: 31-413-1

Campus: West Bend

Curriculum for 2016-2017

12/1/2015

Program Advisor: _____

✓	Course		Hours / Week			Total		Prerequisites and or Corequisites	Typically Offered	Comments				
	T/G/I	Subj	Num	Lec	Lab	Other	Hours				Credits			
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	413	350	Beginning Electrical Concepts			2	2	72	2		x	Completion of or concurrent enrollment in 804-360 Occupational Mathematics 1	
	T	413	355	Residential and Commercial Wiring Concepts*			1	5	108	3		x	Completion of or concurrent enrollment in 413-363 OSHA Safety Construction Trades; 413-361 Intermediate National Electrical Code	
	T	413	360	Introduction to National Electrical Code			3		54	2		x		
	T	413	361	Intermediate National Electrical Code*			3		54	2		x	Completion of or concurrent enrollment in 413-360 Introduction to National Electrical Code	
	T	413	363	OSHA Safety Construction Trades			2		36	1		x	Student will receive the OSHA 10 hour card upon completion.	
	T	413	370	Construction Trades Blueprint Reading*			3		54	2		x	Completion of or concurrent enrollment in 413-360 Introduction to National Electrical Code	
	G	804	360	Occupational Mathematics 1			3		54	2				
		890	101	**College 101			2		36	2	x	x	x	**Institutional Requirement. Suggested to take before fall semester.
Total 1st Term Credits									17					
Term 2:									S	F	SP			
Apply for Graduation when completing Term 2 registration														
	T	413	351	Advanced Electrical Concepts*			1	3	72	2			x	413-350 Beginning Electrical Concepts; Completion of or concurrent enrollment in 804-113 College Technical Mathematics 1A
	T	413	365	Basic Motor Controls*			1	5	108	3			x	Completion of or concurrent enrollment in 413-380 Industrial Wiring Concepts
	T	413	380	Industrial Wiring Concepts			1	5	108	3			x	
	T	413	385	Electrical Fabrication*				2	54	2			x	413-355 Residential/Commercial Wiring
	T	413	386	Trends in Electricity*			1		36	1				103-159 Computer Literacy - Microsoft Office; 413-361 Intermediate National Electrical Code; 890-101 College 101
	G	801	310	Occupational Communication (or)			3		54	2	x	x	x	
	G	801	136	English Composition 1							x	x	x	
	G	804	113	College Technical Mathematics 1A			3		54	3	x	x	x	
Total 2nd Term Credits									16					
Total Program Credits and Institutional Requirements									33					
**The credits for 103-159 Computer Literacy-Microsoft Office and 890-101 College 101 are Institutional Requirements for graduation.														
*A Program Assessment Checklist is an exit assessment graduation requirement for the program.														

T/G: T - Technical Studies course; G - General Studies course; I - Institutional Requirement

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>.