



Electricity - Academic Planner

Technical Diploma: 31-413-1
 Campus: West Bend
 Curriculum for 2014-2015

2/1/2014

Program Advisor: _____

✓	T/G/I	Course		Title	Hours / Week			Total		Prerequisites and or Corequisites	Typically Offered			Comments
		Subj	Num		Lec	Lab	Other	Hours	Credits		S	F	SP	
				New Program Students: Attend New Student Orientation and your Priority Registration Session										Students will need to receive an Accuplacer Math score of 66 to enter the program. If this score is not achieved, students are required to take the General College Math course to upgrade their skills. Students may test out of Occupational Math 1 if desired.

Term 1 - Fall											S	F	SP		
		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	Completion of or concurrent enrollment in 804-360 Occupational Mathematics 1		x			
	T	413	355	Residential and Commercial Wiring Concepts*	1	5		108	3	Completion of or concurrent enrollment in 413-363 OSHA Safety Construction Trades and 413-361 Intermediate National Electrical Code			x		
	T	413	360	Introduction to National Electrical Code	3			54	2				x		
	T	413	361	Intermediate National Electrical Code*	3			54	2	Completion of or concurrent enrollment in 413-360 Introduction to National Electrical Code			x		
	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	Completion of or concurrent enrollment in 413-360 Introduction to National Electrical Code			x		
	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 - Spring										S	F	SP
Apply for Graduation when completing Term 2 registration												
T	413	351	Advanced Electrical Concepts*	1	3		72	2	413-350 Beginning Electrical Concepts; Completion of or concurrent enrollment in 804-113 College Technical Mathematics 1A			x
T	413	365	Basic Motor Controls*	1	5		108	3	Completion of or concurrent enrollment in 413-380 Industrial Wiring Concepts			x
T	413	380	Industrial Wiring Concepts	1	5		108	3				x
T	413	385	Electrical Fabrication*		2		54	2	413-355 Residential/Commercial Wiring			x
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	804	113	College Technical Mathematics 1A	3			54	3		x	x	x
G	801	310	Occupational Communication (or)	3			54	2		x	x	x
G	801	136	English Composition 1							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. Consequently, they are not part of the program credit requirements.												
*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 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 .												