



Industrial Maintenance Technician - Academic Planner

Technical Diploma: 32-462-1

Campus: Fond du Lac

Curriculum for 2011-12

10/27/2010

Program Advisor: _____

Entrance Assessment Scores	ACT	Accuplacer
Assessment Areas	15	60
English/Sentence Skills	15	55
Reading/Reading Comprehension	15	34

✓	T/G	Course		Title	Hours / Week			Total Hours	Credits	Prerequisites and/or Corequisites	Typically Offered			Comments
		Subj	Num		Lec	Lab	Other				S	F	SP	
Institutional Requirements:											S	F	SP	
		890	125	Student Success - take 1st term							x	x	x	
		103	159	Computer Literacy - Advanced Standing or take 1st term							x	x	x	
		890	130	Career Development - take 3rd term							x	x	x	
Term 1:											S	F	SP	
New Program Students: Attend New Student Orientation and your Priority Registration Session														
	T	442	313	General Welding	1	2		54	2			x		
	T	462	301	DC/AC Electricity	4	4		144	4			x		
	T	462	303	Hydraulics/Pneumatics Applications	2	4		108	3			x		
	T	462	305	Mechanical Skills for Technicians	2	2		72	2			x		
	G	801	310	Occupational Communication	3			54	2			x	x	
	G	804	360	Occupational Math 1 (or)	3			54	2			x	x	
	G	804	113	College Technical Math 1A**					(3)		x	x	x	
Total 1st Term Credits									15	or 16				
Term 2:											S	F	SP	
	T	462	309	Industrial Control Systems	4	4		144	4	462-301 DC/AC Electricity			x	
	T	462	311	Machine and Equipment Installation	2	4		108	3	462-305 Mechanical Skills for Technicians			x	
	T	462	313	Blueprint/Schematic Reading	4	0		72	2				x	
	T	462	323	Semi-Conductor/Digital Electronics	2	4		108	3	462-301 DC/AC Electricity			x	
	G	801	322	Occupational Writing	2			36	1			x	x	
	G	804	361	Occupational Math 2 (or)	3			54	2	804-360 Occupational Math 1			x	
	G	804	114	College Technical Math 1B**						Completion of or concurrent enrollment in 804-113 College Technical Math 1A	x	x	x	
Total 2nd Term Credits									15					

✓	T/G	Course		Hours / Week			Total		Prerequisites and/or Corequisites	Typically Offered			Comments
		Subj	Num	Lec	Lab	Other	Hours	Credits		S	F	SP	
Term 3:										S	F	SP	
	T	462	317	Preventative/Predictive Maintenance	2	4		108	3			x	
	T	462	319	Programmable Logic Controllers	2	4		108	3	462-323 Semi-Conductors and Digital Electronics		x	
	T	462	321	Power Transmission Systems	2	4		108	3	462-311 Machine and Equipment Installation		x	
	T	462	324	Integrated Manufacturing Center Project Planning*	2	2		72	2			x	
	T	462	326	Industrial Safety	2			36	2			x	
				Total 3rd Term Credits					13				
Term 4:										S	F	SP	
				Apply for Graduation									
	T	462	315	Micro-Processor Applications	2	4		108	3	462-319 Programmable Logic Controllers			x
	T	462	325	Robotics/Material Handling Operations	2	4		108	3	462-319 Programmable Logic Controllers			x
	T	462	327	Electro-Hydraulic/Mechanical Systems	4	4		144	4	462-301 DC/AC Electricity			x
	T	462	330	Integrated Manufacturing Center Project Implementation*	2	4		108	3	462-324 Integrated Manufacturing Center Project Planning			x
				Total 4th Term Credits					13				
				Total Program Credits					56				
*Capstone projects are 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 associate degree General Education course options are chosen, higher assessment test scores will be required. Please contact an Admissions Specialist for assistance.

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>.