

Air Conditioning, Heating and Refrigeration Technology - Academic Planner

Associate of Applied Science Degree: 10-601-1

Campus: Fond du Lac
(moving to West Bend Fall 2013)

Curriculum for 2012-13

10/24/2011

Program Advisor: _____

Entrance Assessment Scores		ACT	Accuplacer
Assessment Areas			
English/Sentence Skills		16	76
Reading/Reading Comprehension		16	67
Math/Arithmetic		16	64

✓	T/G	Course		Title	Hours / Week			Total		Prerequisites and/or Corequisites	Typically Offered			Comments
		Subj	Num		Lec	Lab	Other	Hours	Credits		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														Basic computer skills recommended before enrolling in the program - Microsoft Word & Excel.
	T	601	107	Electricity and Electronics HVAC	1	4		90	3			x		
	T	601	118	Air Distribution	1	2		54	2			x		
	T	601	120	Fundamentals of Refrigeration	1	2		54	2			x		
	T	601	121	Refrigeration Service Techniques	1	2		54	2	Concurrent enrollment in 601-120 Fundamentals of Refrigeration or dean consent			x	
	G	801	195	Written Communication	3			54	3		x	x	x	
	G	804	107	College Mathematics (or)	3			54	3		x	x	x	
	G	804	113	College Technical Math 1A	3			54			x	x	x	
Total 1st Term Credits									15					
Term 2:											S	F	SP	
	T	419	105	Introduction to Pneumatics/ Programming Logic Controllers	1	2		54	2				x	
	T	601	108	HVAC Schematics	1	2		54	2	601-107 Electricity and Electronics HVAC or dean consent				x
	T	601	122	Residential Air Conditioning	1	4		90	3	601-121 Refrigeration Service Techniques; Concurrent enrollment in 601-108 HVAC Schematics; 601-127 Fundamentals of Building Controls				x
	T	601	126	Residential Energy	1	4		90	3					x
	T	601	127	Fundamentals of Building Controls	1	2		54	2	Concurrent enrollment in 601-108 HVAC Schematics				x
	G	809	196	Intro to Sociology	3			54	3	801-195 Written Communication	x	x	x	
Total 2nd Term Credits									15					

✓	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	601	109	HVAC/R Code	1			18	1	601-120 Fundamentals of Refrigeration or dean consent		x		
	T	601	123	Residential Heating Systems*	1	4		90	3	601-122 Residential Air Conditioning; Concurrent enrollment in 601-128 Building Control Systems Applications or dean consent		x		
	T	601	128	Building Control Systems Applications	1	4		90	3	601-108 HVAC Schematics; 601-127 Fundamentals of Building Controls; Concurrent enrollment in 601-123 Residential Heating Systems or dean consent		x		
	T	601	129	Commercial Food Service Refrigeration*	1	4		90	3	601-121 Refrigeration Service Techniques or dean consent		x		
	G	801	196	Oral/Interpersonal Communication	3			54	3		x	x	x	
	G	809	195	Economics	3			54	3	801-195 Written Communication	x	x	x	
Total 3rd Term Credits									16					
Term 4:											S	F	SP	
Apply for Graduation (which includes a \$30 graduation fee)														
	T	601	116	Hydronic Environmental Systems	2	2		72	3	601-123 Residential Heating Systems or dean consent			x	
	T	601	130	Supermarket Refrigeration	1	4		90	3	601-129 Commercial Food Service Refrigeration or dean consent			x	
	T	601	134	Commercial Heating and Air Conditioning*	2	4		108	4	601-123 Residential Heating Systems; 601-128 Building Control Systems Applications; Concurrent enrollment in 601-116 Hydronic Environmental Systems or dean consent				x
	G	809	166	Intro to Ethics: Theory & Application	3			54	3	801-195 Written Communication	x	x	x	
	G	809	199	Psychology of Human Relations	3			54	3		x	x	x	
Total 4th Term Credits									16					
Additional Credits of Electives Required									6					
Total Program Credits									68					
*Capstone Projects or Troubleshooting Hands-on Application Investigations 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 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>.

Suggested Elective: _____

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