



Air Conditioning, Heating and Refrigeration Technology - Academic Planner

Associate of Applied Science Degree: 10-601-1

Campus: West Bend

Curriculum for 2014-2015

2/1/2014

Program Advisor: _____

✓	T/G	Course		Title	Hours / Week			Total		Prerequisites and/or Corequisites	Typically Offered			Comments	
		Subj	Num		Lec	Lab	Other	Hours	Credits		S	F	SP		
Term 1:															
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	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	Completion of or concurrent enrollment in 601-120 Fundamentals of Refrigeration or dean consent				x	
	G	801	136	English Composition 1	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	
		890	101	**College 101		2		36	2			x	x	x	**Institutional Requirement. Suggested to take before fall semester.
					Total 1st Term Credits				18						
Term 2:															
	T	601	108	HVAC Schematics	1	2		54	2	601-107 Electricity and Electronics HVAC or dean consent				x	
	T	601	119	Geothermal Heat Pumps	1	2		54	2	601-121 Residential Service Techniques. Completion of or concurrent enrollment of 601-108 HVAC Schematics, 601-122 Residential Air Conditioning, 601-127 Fundamentals of Building Controls					
	T	601	122	Residential Air Conditioning	1	4		90	3	103-159 Computer Literacy - Microsoft Office; 890-101 College 101; 601-121 Refrigeration Service Techniques; Completion of or concurrent enrollment in 601-108 HVAC Schematics;					x
	T	601	126	Residential Energy	1	4		90	3	601-127 Fundamentals of Building Controls					x
	T	601	127	Fundamentals of Building Controls	1	2		54	2	Completion of or concurrent enrollment in 601-108 HVAC Schematics					x
	G	809	196	Introduction to Sociology	3			54	3	801-136 English Composition 1		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; Completion of or 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; Completion of or 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 and Interpersonal Communication	3			54	3		x	x	x	
	G	809	195	Economics	3			54	3	801-136 English Composition 1	x	x	x	
Total 3rd Term Credits									16					
Term 4:											S	F	SP	
Apply for Graduation when completing Term 4 registration														
	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; Completion of or concurrent enrollment in 601-116 Hydronic Environmental Systems or dean consent			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	3			54	3		x	x	x	
Total 4th Term Credits									16					
Additional Credits of Electives Required									6					
Total Program Credits and Institutional Requirements									71					
**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.														
*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: _____

Suggested Elective: _____