



Air Conditioning, Heating and Refrigeration Technology - Academic Planner

Associate of Applied Science Degree: 10-601-1
 Campus: West Bend
 Curriculum for 2016-2017

12/1/2015

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:											S	F	SP	
New Program Students: Attend New Student Orientation and Your Priority Registration Session														
	T	601	107	Electricity and Electronics HVAC	1	4		90	3			x		
	T	601	108	HVAC Schematics	1	2		54	2	Completion of or concurrent enrollment in 601-107 Electricity and Electronics HVAC		x		
	T	601	109	HVAC/R Code	1			18	1	Completion of or concurrent enrollment in 601-120 Fundamentals of Refrigeration		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		x		
	G	804	107	College Mathematics (or)	3			54	3		x	x	x	
	G	804	113	College Technical Mathematics 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									15					
Term 2:											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	601	122	Residential Air Conditioning	1	4		90	3	601-108 HVAC Schematics; 601-121 Refrigeration Service Techniques; 890-101 College 101; Completion of or concurrent enrollment in 103-159 Computer Literacy - Microsoft Office				x
	T	601	123	Residential Heating Systems*	1	4		90	3	601-108 HVAC Schematics				x
	T	601	134	Commercial Heating and Air Conditioning*	2	4		108	4	Completion of or concurrent enrollment in 601-123 Residential Heating Systems				x
	G	801	136	English Composition 1	3			54	3		x	x	x	
Total 2nd Term Credits									14					

✓	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 3:											S	F	SP	
	T	601	116	Hydronic Environmental Systems	2	2		72	3	601-123 Residential Heating Systems; 804-107 College Mathematics or 804-113 College Technical Mathematics 1A		x		
	T	601	118	Air Distribution	1	2		54	2	Completion of or concurrent enrollment in 804-107 College Mathematics or 804-113 College Technical Mathematics 1A		x		
	T	601	127	Fundamentals of Building Controls	1	2		54	2			x		
	T	601	129	Commercial Food Service Refrigeration*	1	4		90	3	601-121 Refrigeration Service Techniques		x		
	G	801	196	Oral and Interpersonal Communication	3			54	3		x	x	x	
	G	801	197	Technical Reporting	3			54	3	801-136 English Composition 1		x	x	
	G	809	196	Introduction to Sociology	3			54	3	801-136 English Composition 1	x	x	x	
Total 3rd Term Credits														
Term 4:											S	F	SP	
Apply for Graduation when completing Term 4 registration														
	T	601	119	Geothermal Heat Pumps	1	2		54	2	601-121 Refrigeration Service Techniques; 601-108 HVAC Schematics; 601-122 Residential Air Conditioning; 601-127 Fundamentals of Building Controls				x
	T	601	126	Residential Energy	1	4		90	3					x
	T	601	128	Building Control Systems Applications	1	4		90	3	601-108 HVAC Schematics; 601-127 Fundamentals of Building Controls				x
	T	601	130	Supermarket Refrigeration	1	4		90	3	601-129 Commercial Food Service Refrigeration				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														
Total Program Credits and Institutional Requirements														
**The credits for 103-159 Computer Literacy-Microsoft Office and 890-101 College 101 are Institutional Requirements for graduation.														
*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 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>.

Suggested Elective: _____

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