

# HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION TECHNOLOGY, AAS

## Suggested Sequence of Study

Course	Title	Credit Hours
<b>First Semester</b>		
<b>Fall</b>		
HVAC 1005	Safety	1.0
HVAC 1315	Electrical Theory	3.5
HVAC 1320	Electrical Applications Lab	1.0
HVAC 1330	Sheetmetal Installation	3.0
HVAC 1340	Furnace Fundamentals	4.0
HVAC 1350	Furnace Fundamentals Lab	3.0
HVAC 1360	Fall Internship	1.5
EMTL 1310	American Heart First Aid Plus	0.5
<b>Credit Hours</b>		<b>17.5</b>
<b>Second Semester</b>		
<b>Spring</b>		
HVAC 1410	A/C Cycle Theory	3.0
HVAC 1425	A/C Cycle Lab	2.0
HVAC 1435	A/C Controls Theory	3.0
HVAC 1440	A/C Controls Lab	1.0
HVAC 1445	A/C Apps Refrigerant/Rec	4.0
HVAC 1460	A/C Applications Lab	1.0
HVAC 1475	Heat Pumps Theory	3.0
HVAC 1480	Heat Pumps Lab	1.0
HVAC 1400	Spring Internship	1.5
<b>Credit Hours</b>		<b>19.5</b>
<b>Third Semester</b>		
<b>Summer</b>		
Select one of the following internship courses:		8.0
HVAC 1490	Internship	
HVAC 1500 & HVAC 1510	Comm Refrigeration Elec Mechanical and Comm Refrigeration Elec Mech Lab	
<b>Credit Hours</b>		<b>8.0</b>
<b>Total Credit Hours</b>		<b>45.0</b>
<b>Code</b>	<b>Title</b>	<b>Credit Hours</b>
HVAC Program		45.0
General Education Requirements ( <a href="https://catalog.mpcc.edu/course-catalog/programs/associate-applied-science/#aasrequirements">https://catalog.mpcc.edu/course-catalog/programs/associate-applied-science/#aasrequirements</a> )		15.0
<b>Total Credit Hours</b>		<b>60.0</b>

*HVAC 1005 Safety is a prerequisite for all HVAC classes, except night classes.*