

# AIR CONDITIONING, HEATING AND REFRIGERATION TECHNOLOGY A.A.S.

60 Semester Credit Hours; Curriculum: 0060

**Note:** Refer to IAI General Education Courses page for guidelines on General Education course selection.

Code	Title	Hours
<b>General Education Requirements</b>		
<i>Area A - Communications</i>		
EGL 101	Composition I	3
Select one of the following:		3
EGL 102	Composition II	
EGL 111	Introduction to Business and Technical Writing (recommended)	
EGL 212	Technical Writing Applications	
SPE 103	Effective Speech	
<i>Area B - Mathematics</i>		
Select one course from Mathematics discipline		3
MAT 114	Applied Mathematics I (recommended)	
MAT 116	Applied Mathematics II (recommended)	
<i>Area C - Science</i>		
Select one course from a science discipline		3
PHY 101	Applied Physics (recommended)	
<i>Area D - Social and Behavioral Sciences</i>		
Select One course from a social or behavioral science discipline		3
<i>Area E - Humanities/Fine Arts</i>		
Select course from a humanities or fine arts discipline		3
<i>Area F - Global Studies<sup>1</sup></i>		
One course that satisfies Global Studies requirement		0-3
<i>Area G - U.S. Diversity Studies<sup>2</sup></i>		
One course that satisfies U.S. Diversity Studies requirement		0-3
<b>Total Hours</b>		<b>18</b>

<sup>1</sup> Students may take a Global Studies course that satisfies both Area F and another Area requirement.

<sup>2</sup> Students may take a U.S. Diversity Studies course that satisfies both Area G and another Area requirement.

Code	Title	Hours
<b>Major Requirements</b>		
AHR 101	Introduction to Air Conditioning and Refrigeration	4
AHR 102	Heating	4
AHR 104	Introduction to Electricity and Automatic Controls	4
AHR 105	EPA Section 608 Certification	1
AHR 201	Commercial Refrigeration Systems	4
AHR 202	Air Conditioning II – Split System	4
AHR 203	Residential Heating and Air Conditioning Load Calculations	3
AHR 208	Advanced Automatic Controls	4

FME 101	Introduction to Facilities Management and Engineering	3
FME 107	Blueprint Reading for Building Trades	4
FME 240	Energy Management and DDC Controls	3
Additional AHR course not taken previously		4
<b>Total Hours</b>		<b>42</b>