

Air Conditioning, Heating & Refrigeration: Courses

[Introduction/Overview](#) | [Curriculum Requirements](#) | [Student Learning Outcomes](#) | [Skills & Proficiencies](#) | [Instructor](#) | [Occupational Outlook](#)

Associate of Applied Science in Air Conditioning, Heating & Refrigeration

First Semester				
Subject	Number	Title		Hours
HART	1407	Refrigeration Principles	4	
HART	1403	A/C Control Principals	4	
---	---	Written Communication	3	
TECM	1341	Technical Algebra	3	
Semester Total: 14				

Second Semester				
Subject	Number	Title		Hours
HART	2445	Residential Air Conditioning Systems Design	4	
---	---	Social/Behavioral Science	3	
---	---	Natural Science	4	
---	---	Business Elective**	3	
Semester Total: 13-14				

Third Semester				
Subject	Number	Title		Hours
HART	1445	Gas and Electric Heating	4	
SPCH	---	Oral Communication	3	
---	---	Humanities/Fine Arts	3	
---	---	Business Elective**	6	
Semester Total: 16				

Fourth Semester				
Subject	Number	Title		Hours
*HART	2436	Air Conditioning Troubleshooting	4	

BCIS	1305	Business Computer 3 Applications
---	---	Business Elective** 3
SOCI	2319	Multi-Cultural 3 Studies
---	---	Academic Elective 3-4

Semester Total: 16-17

Total Semester Credit Hours for Degree – 60-61

Certificate of Completion in Air Conditioning, Heating, and Refrigeration

First Semester			
Subject	Number	Title	Hours
HART	1407	Refrigeration Principles	4
HART	1403	A/C Control Principals	4
HART	2445	Residential Air Conditioning Systems Design	4

Semester Total: 12

Second Semester			
Subject	Number	Title	Hours
HART	1445	Gas and Electric Heating	4
*HART	2436	Air Conditioning Troubleshooting	4

Semester Total: 8

Total Semester Credit Hours for Degree – 20

*Capstone

**Business elective must be chosen from BUSI, BMGT.