

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 Applications	3
---	---	Business Elective**	3
SOCI	2319	Multi-Cultural Studies	3
---	---	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.