

Air Conditioning, Heating, & Refrigeration AAS 6 Semester Degree Plan

This is a “suggested” degree plan for completion in 6 consecutive semesters; students should consult with an advisor concerning other degree plan layouts. Not all courses are offered every semester.

Courses

Credits

First Semester

- Please take HVA 113 in the same semester as HVA 102 for the best chance of passing the EPA 608 (Refrigerant Recovery) exam the first time.
- After successfully completing first semester, students will have taken the EPA certification exam and should apply for employment.

HWE 113 First Aid & CPR (co-requisite w/HVAC 102 and 105)	.5
OSH 127 10-hr. Construction Industry Standards (co-requisite w/HVAC 102 and 105; must be taken early in the semester)	1
HVA 105 Electricity for HVAC/R	4
HVA 102 Basic Refrigeration	4
HVA 113 Refrigerant Recovery Training	1
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	10.5

Second Semester

HVA 110 Fundamentals of Gas Heating	4
HVA 111 Piping Skills	4
HVA 132 Air Conditioning and Refrigeration Controls	4
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	12

Third Semester

HVA 134 Air Conditioning Systems	4
HVA 162 Heating Controls	4
*Construction Core	4
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	12

Fourth Semester

HVA 206 International Mech. Code	4
HVA 240 Serving Forced Air Systems	4
HVA 247 Hot Water Heating Systems	4
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	12

Fifth Semester

**General Ed elective	3
**General Ed elective	3
**General Ed elective	3
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	9

Sixth Semester

**General Ed elective	3
**General Ed elective	3
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	6

Total: 61.5 credits

***Construction Technology Core Requirements**—students need to choose a minimum of 4 credits from the following course prefixes:

ENT, ENY, AEC, OSH

****General Education Elective**

Communication- 3 credits

ENG 121 or higher

or

COM (100 level course)

Mathematics-3 credits

MAT 107 or higher

6 credits from any two of the following three areas:

Arts/ Humanities: ART, FRE, GER, HUM, ITA, JPN, LIT, MUS, PHI, RUS, SPA, THE

Science: AST, BIO, CHE, ENV, GEY, PHY, SCI

Social Sciences: ANT, ECO, GEO, HIS, POS, PSY, SOC

3 credits of electives from any of the above subject areas or CIS 118