

HVAC/R

Associate in Applied Science • Certificate



The Associate in Applied Science (A.A.S.) in Heating, Ventilation, Air Conditioning and Refrigeration (HVAC/R) prepares students to install and service heating, air conditioning and refrigeration equipment in residential and commercial settings.

Coursework includes:

- Hands-on practices in heating, ventilation, air conditioning, and refrigeration
- Diagnostics and Servicing
- Print Reading and Interpretation
- Externship

A.A.S. graduates may pursue careers with HVAC/R contractors in:

- **Maintenance**
- **Installation**
- **Service**
- **Sales**
- **Managing***
- **Supervising***
- **Independent Operations***

**with additional experience*

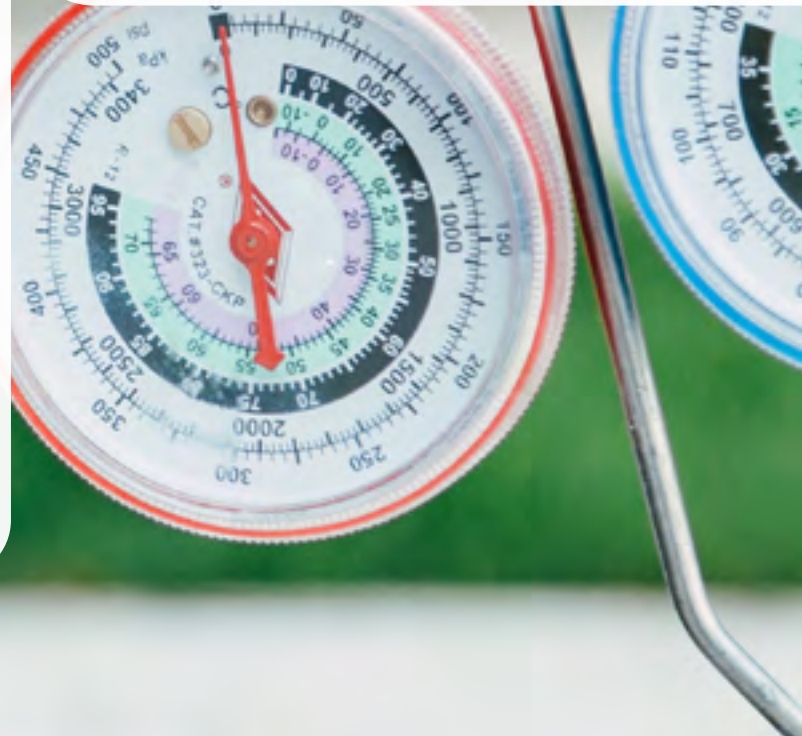
Degree Requirements

Semester I		Credit Hours
ENG ___*	Select <u>one</u> of the following:	3
	ENG 101 College Writing	
	ENG 105 College Writing Seminar	(4)
MAT 104*	Technical Mathematics	3
HVT 105	Basic Refrigeration Principles	3
HVT 111	Electricity for HVAC/R	3
PHT 140	Print Reading and Interpretation	2
OHS 115	Construction Safety & Health	3
Semester II		
HVT 152	Heat Pumps	3
HVT 180	HVAC/R Diagnostics & Servicing	4
HVT 120	Residential Load Calculations	2
___	Elective: General Education	3
COM ___	Select <u>one</u> of the following:	3
	COM 100 Public Speaking	
	COM 101 Interpersonal Communication	
Semester III		
PHT 207	Heating I	4
PHT 209	Propane and Natural Gas I	4
PHT 225	Maine Oil/Solid Fuel Code	1
ENG ___	Select <u>one</u> of the following:	3
	ENG 201 Technical Writing	
	ENG 220 Business Communication	
___	Elective: Math or Science 100 or Higher	3-4
Semester IV		
HVT 252	HVAC/R System Design	3
HVT 255	Commercial Refrigeration	2
PHT 259	Propane and Natural Gas II	4
PHI 111	Introduction to Ethics	3
HVT 297	Externship	3
Total Credit Hour Requirements		62-64

*Placement determined by assessment test scores and/or prior college coursework

Certificate Requirements

Semester I		Credit Hours
ENG ___*	Select <u>one</u> of the following:	3
	ENG 101 College Writing	
	ENG 105 College Writing Seminar	(4)
MAT 104*	Technical Mathematics	3
HVT 105	Basic Refrigeration Principles	3
HVT 111	Electricity for HVAC/R	3
PHT 140	Print Reading and Interpretation	2
OHS 115	Construction Safety & Health	3
Semester II		
HVT 152	Heat Pumps	3
HVT 180	HVAC/R Diagnostics & Servicing	4
HVT 120	Residential Load Calculations	2
___	Elective: General Education	3
COM ___	Selection <u>one</u> of the following:	3
	COM 100 Public Speaking	
	COM 101 Interpersonal Communication	
Total Credit Hour Requirements		32-33



Office of Admissions

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