

# HEATING, VENTILATION AND AIR CONDITIONING

## Associate in Applied Science Checklist

- View the General Education Matrix for a complete list of qualifying courses.
- Fulfill the College Degree Requirements in conjunction with this degree plan.
- Consult an Academic Advisor to ensure all academic requirements are met.

## Summary

Prescribed Program	44
General Education	15-16
Digital Literacy	
Electives	1
<b>Total Credits</b>	<b>60-61</b>

## Degree Plan

### Semesters

Course	Title	Credits
<b>Fall Semester</b>		
<b>Prescribed Program</b>		
SMTL 105	Sheet Metal I	3
SMTL 106	Sheet Metal II	6
SMTL 107	Sheet Metal III	4
SMTL 115	Practical Applications of Sheet Metal	4
	Credits	17
<b>Spring Semester</b>		
<b>Prescribed Program</b>		
HVAC 100	Introduction to Heating, Ventilation and Air Conditioning	3
HVAC 103	Air Conditioning Theory and Components	5
HVAC 104	Heating Theory and Components	4
HVAC 114	Heating Systems Troubleshooting	5
	Credits	17
<b>Summer Semester</b>		
<b>Prescribed Program</b>		
HVAC 213	Air Conditioning Systems Troubleshooting	5
REFG 215	Light Commercial Refrigeration	2
REFG 216	Domestic Refrigeration	3
	Credits	10
	<b>Total Credits</b>	<b>44</b>

## General Education

### Written or Oral Communications

ENGL 110	College Composition I (Required)	3
Select one of the following:		3
ENGL 120	College Composition II	
ENGL 125	Introduction to Professional Writing	
COMM 110	Fundamentals of Public Speaking	
<b>Credits Subtotal</b>		<b>6</b>

**Arts & Humanities/Social & Behavioral Sciences**

Select one of the following recommended courses:

3

HIST 103	United States to 1877
ECON 201	Principles of Microeconomics
PSYC 111	Introduction to Psychology
SOC 110	Introduction to Sociology

**Credits Subtotal****3****Business, Math, Science & Technology**

Select two of the following recommended courses (Two areas of study):

6-7

CSCI 101	Introduction to Computers
MATH 110	Math in Society
MATH 137	Applied Algebra
CIS 147	Principles of Information Security
CIS 164	Networking Fundamentals I

**Credits Subtotal****6-7****General Education Total Credits****15-16****Digital Literacy**

Select one of the following:

ENGL 110	College Composition I
NDUS Institution Approved Training Course	
NDUS Institution Designated Digital Literacy Course	

**Electives****Open Electives**

(Needed if 60 credits have not been met)

Any course(s) not used to additionally fulfill a requirement on this degree plan.	1
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**Total Credits****1**