

# HEATING, VENTING, AIR CONDITIONING, AND REFRIGERATION TECHNOLOGY AAS

The Heating, Venting, Air Conditioning, and Refrigeration (HVACR) Technology Program prepares students with training in the heating, air conditioning, ventilation, and refrigeration field, both commercial and residential. Skills learned will enable graduates to choose from a variety of occupations such as heating and air conditioning and/or refrigeration, and general maintenance in these areas. Program flexibility allows students to enter at their existing level of competency and continue training to an employable skill level. Classroom instruction is provided in basic electricity, electric motors, refrigeration, heating systems, air conditioning, and general maintenance skills. Emphasis is placed on developing a logical approach to servicing, troubleshooting, and repair through directed practice. Employment in the field requires good physical health due to the size and weight of some units.

## General Education Core

Code	Title	Credits
<b>Written Communication</b>		
ENGL-101	COLLEGE WRITING	3.00
<b>Oral Communication</b>		
Select one of the following:		3.00
COMM-101	PRINCIPLES OF SPEECH	
COMM-202	INTERPERSONAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
<b>Mathematical Ways of Knowing</b>		
MTHPT-137	MATH FOR TECHNOLOGY	4.00
<b>Social &amp; Behavioral Ways of Knowing</b>		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES AND THEORY OF MACROECONOMICS	
ECON-202	PRINCIPLES AND THEORY OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	HISTORY OF CIVILIZATION	
HIST-102	HISTORY OF CIVILIZATION	
HIST-111	UNITED STATES HISTORY TO 1865	
HIST-112	UNITED STATES HISTORY SINCE 1865	
HRPT-184	DIVERSITY IN ORGANIZATIONS	
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS	
POLS-101	AMERICAN NATIONAL GOVERNMENT	
POLS-237	INTERNATIONAL POLITICS	
POLS-285	COMPARATIVE GOVERNMENT	
PSYC-101	INTRODUCTION TO PSYCHOLOGY	
PSYC-205	DEVELOPMENTAL PSYCHOLOGY	
SOC-101	INTRODUCTION TO SOCIOLOGY	
SOC-102	CURRENT SOCIAL PROBLEMS	
<b>Additional General Education Core</b>		
Select one of the following:		3.00
ART-100	SURVEY OF ART	
BIOF-100	INTRODUCTION TO BIOINFORMATICS	
BIOL-102	SCIENCE FOR LIFE	
BIOL-120	PLANTS AND PEOPLE	
BIOL-175	HUMAN BIOLOGY	
BIOL-252	HUMAN ANATOMY AND PHYSIOLOGY I	
CHEM-102	THE CHEMISTRY OF DAILY LIFE	

CHEM-105	GENERAL, ORGANIC AND BIOCHEMISTRY
CHEM-111	PRINCIPLES OF CHEMISTRY I
CS-108	INTRODUCTION TO COMPUTER SCIENCE
ENGL-150	INTRODUCTION TO LITERATURE
ENGL-257	WORLD CLASSICS
ENGL-258	INTERNATIONAL LITERATURE
FSCI-101	INTRODUCTION TO FORENSIC SCIENCE
GEOL-100	ENVIRONMENTAL EARTH SCIENCE
GEOL-120	INTRODUCTION TO EARTH SYSTEMS
GIS-271	GEOGRAPHIC INFORMATION SYSTEMS
HUM-101	THE ART AND HISTORY OF THE MOTION PICTURE
HUM-150	INTRODUCTION TO THE ARTS
MUS-101	SURVEY OF MUSIC
MUS-102	MUSIC IN AMERICA
MUS-150	WORLD MUSIC
MUS-151	HISTORY OF MUSICAL THEATER
NP-101	ELEMENTARY NEZ PERCE LANGUAGE I
NP-102	ELEMENTARY NEZ PERCE LANGUAGE II
NS-150	INTRODUCTION TO NATURAL SCIENCES
NS-174	NATURAL SCIENCE FOR ELEMENTARY EDUCATOR
PHYS-111	GENERAL PHYSICS I
PHYS-171	PHYS SCIENCES FOR ELEMENTARY EDUCATORS
PHYS-205	DESCRIPTIVE ASTRONOMY
PHYS-211	ENGINEERING PHYSICS I
SPAN-101	BEGINNING SPANISH I
SPAN-102	BEGINNING SPANISH II
SPAN-201	INTERMEDIATE SPANISH I
SPAN-202	INTERMEDIATE SPANISH II
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS
THEA-101	SURVEY OF THE THEATER

Total Credits

16.00

## Program Requirements

Code	Title	Credits
<b>Technical Core</b>		
HVACR-115	BASIC ELECTRICITY	5.00
HVACR-120	HVAC PRINCIPLES	5.00
HVACR-130	TRADE SKILLS	5.00
HVACR-140	MECHANICAL SYSTEMS MAINTENANCE	5.00
HVACR-225	REFRIGERATION THEORY	5.00
HVACR-230	ADVANCED HVACR CONTROLS	5.00
HVACR-235	A/C SYSTEM DESIGN AND INSTALLATION	6.00
HVACR-240	DUCT FABRICATION	2.00
HVACR-250	GAS CODE REVIEW	2.00
HVACR-255	HEATING SYSTEMS	6.00
HVACR-260	MECHANICAL AND ELECTRICAL CODE REVIEW	2.00
HVACR-265	HYDRONIC SYSTEMS	2.00
HVACR-294	IN:HEAT/VENT/AC/REF TECH	2.00
Total Credits		52.00

## Summary

Code	Title	Credits
General Education		16
Program Requirements		52
<b>Total</b>		<b>68</b>