

The average entry level salary range in New Mexico for a professional with an Associate of Applied Science degree in Heating, Ventilation, Air Conditioning-Refrigeration Technology is \$29,000-\$39,000 a year.

- Top related in demand occupations/job settings: HVAC mechanic, refrigeration mechanics/installers, home appliance and vending machine repairs, line installers

See also related fields: Renewable Energy Technology, Industrial Engineering, Engineering and Design Technology

**ENMU-Roswell Career and Technical Division
HVAC-R Technology Program**
P.O. Box 6000
Roswell, NM 88202-6000
575-624-7088
www.roswell.enmu.edu

Program Overview

Heating, ventilation, air conditioning-refrigeration (HVAC-R) systems include control temperature, humidity, and the total air quality in residential, commercial, and industrial structures worldwide. Additionally, the food service and medical industries rely heavily upon the reliability of heating and cooling systems. HVAC-R technicians install, repair, and maintain these systems using strong mathematical skills, computer literacy, and communication skills, in addition to hands-on skills related to the latest technology specific to HVAC-R equipment, tools, and systems. According to the Air Conditioning and Refrigeration Institute, an additional 20,000 HVAC-R technicians are needed each year. New Mexico Department of Labor statistics also report an expected 33% growth in the HVAC-R industry over the next several years.

Program Courses

In order to improve student success probability, all students must take the University Skills Placement Test prior to entering the program and complete any developmental work necessary. Student certification fees may apply and can vary from year to year. Consult the fees section of the catalog or program faculty for more information.

See the current catalog for the complete degree plan. Course availability varies each semester.

Commercial Refrigeration Certificate of Occupational Training - 37 credit hours
HVAC Certificate of Occupational Training - 41 credit hours

Associate of Applied Science - 65 credit hours

UNIV	101	Freshman Seminar	3
ELEC	101	Introduction to Electricity	4
HVAC	101	Intro to Air Conditioning & Refrigeration	4
HVAC	201	Refrigeration Cycle and Diagrams	4
HVAC	212	Heat Pumps	4
HVAC	235	Air Flow Principles/Duct Design	4
ELEC	202	Advanced Electricity	4
ELEC	203	HVAC-R Control Systems	4
REFR	202	Ice Makers	4
HVAC	203	HVAC Heating Systems	4
REFR	210	Multiplexed Evaporator Systems	4
HVAC	218	HVAC-R Service & Problem Analysis	4
HVAC	294	Co-op/Internship Training	3