

Pathway: HVAC (Heating, Ventilation, & Air Conditioning)

Get the Facts:

Heating, Ventilation, and Air Conditioning Installers—often referred to as HVAC Techs— work on heating, ventilation, cooling, and refrigeration systems that control the air quality in many types of buildings.

When working on air conditioning and refrigeration systems, technicians must follow government regulations regarding the conservation, recovery, and recycling of refrigerants. This often entails proper handling and disposal of fluids. Depending on the task, HVAC technicians use many different tools.

For example, they often use screwdrivers, wrenches, pipe cutters, and other basic hand tools when installing systems.

Workforce Trends:

Employment of HVAC Mechanics and Installers is projected to GROW 14 percent from 2014 to 2024, much faster than the average for all occupations. Candidates familiar with computers and electronics and those with good troubleshooting skills will have the best job opportunities.

HVAC is:

- High demand
- Medium wage
- High skill

Occupation Outlook:



The Utah statewide annual median wage:

HVAC Technician after an apprenticeship = \$46,180

College and Career:

There are a number of options for education and training beyond high school, depending on your career goals. The following colleges offer HVAC apprenticeship programs.

MATC - This program at the MATC Orem Campus is designed with related theory and hands- on application. MATC's Apprenticeship programs are composed of two parts: (1) on-the- job training and (2) classroom instruction. The on-the- job training is provided by an outside sponsor (employer) who exposes the apprentice to practical applications in all areas of a chosen trade.

The classroom related instruction is an organized form of instruction, designed to provide the apprentice with knowledge of the theoretical and technical aspects of his or her trade.

SLCC – Heating, Cooling & Refrigeration (HVAC) Apprenticeship; Air Conditioning/Heating/ Refrigeration (KACC) certification