



STUDENT ACTIVATION | GRADE RANGE: 6–8

HVAC Technician

At Trane Technologies, teams of people create products and services that make buildings and homes more comfortable and energy efficient. **HVAC Technicians** are a very important part of making it all possible.

HVAC = Heating, Ventilation, and Air Conditioning

HVAC TECHNICIAN

HVAC Technicians install, maintain, repair, and replace heating, ventilation, refrigeration and air conditioning units in buildings and homes. They work on systems that control the air temperature and quality of these indoor environments. Often starting as apprentices, these highly trained experts rely on extensive experience, hands-on training, and ongoing education to do their jobs successfully.

IS BECOMING AN HVAC TECHNICIAN A GOOD CAREER FOR ME?

Me	HVAC Technician
I am interested in school subjects like math, auto-tech, and career tech.	HVAC Technicians take classes in math and vocational education before going to a trade school.
I am good at analyzing and solving problems.	HVAC Technicians are skilled trouble shooters.
I am interested in how machines work and love learning how to fix things.	HVAC Technicians are lifelong learners who are gifted at working with machines.
I enjoy explaining things and I like working with others.	HVAC Technicians are strong communicators who work well with others.

How does this career help me?	How does this career help the world?
<p>Keeping your family's HVAC running efficiently is not always just a matter of comfort. In most places, it is also a matter of safety. HVAC Technicians make sure your heating and cooling systems are maintained and repaired to work in an efficient and safe manner.</p>	<p>Climate control is a key element in the world's supply chain for food, medicines, and vaccines. Without HVAC Technicians maintaining efficient and safe cooling and heating systems, the world's supply of life-sustaining and life-saving materials would be at risk.</p>

What are some similar careers?
<p>Supply Chain Specialists monitor the day-to-day processes involved in transporting goods between the manufacturer and the consumer. They manage product development, supervise transportation, and monitor inventory and availability.</p> <p>Wind Turbine Technicians most often monitor turbines from the ground. They also install, maintain, and repair turbines.</p>

Here are ways to practice the skills to be a successful **HVAC Technician**:

- Take a mechanics or auto-tech class and pay attention to the small details in building, running, and troubleshooting machines.
- Think of a process in your life that doesn't run smoothly. It could be getting ready to leave the house every morning or getting all your homework and chores done to get to bed on time every evening. Write down what you currently do and then analyze it to see where there is potential for more efficiency. Write a new plan and follow it to see if things run more smoothly.
- Seek out an internship working with an HVAC company to gain experience in the industry.