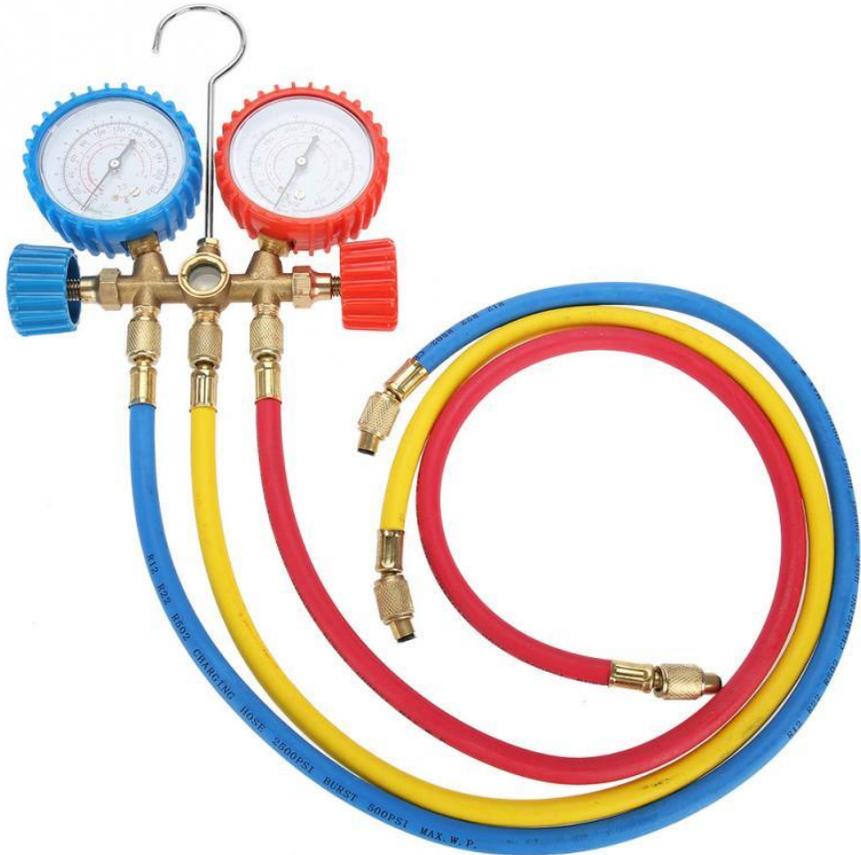


Online HVAC Course With Certificate

Wisdom Academy
www.free-education.in

Er. Mohd Sharif



Why do we need to learn HVAC Course?

- ▶ Have you ever considered working in the heating, ventilation, air conditioning and refrigeration industry? You'll need to be trained in the latest technologies and systems. You won't be able to install, maintain, and repair equipment in homes and businesses until you learn some basic theory, best practices, hardcore skills, and industry trends.

Refrigeration Concepts and Practices

- ▶ To really understand how heating and AC systems operate, you'll need a grasp of refrigeration concepts and best practices. Like with electricity, this is a safety issue as much as it is a practical one; safety for your own personal protection, like understanding how to correctly use hand and power tools, as well as for environmental protection.¹You'll learn about EPA laws, heating and cooling pumps, and the math skills you need to understand how system components work.

HVAC Controls and Components

- ▶ With some basic concepts and principles under your belt, you'll also want to know how to chart controls and components in both residential and commercial HVAC systems. Lessons in ladder diagram development will help here. These diagrams, or schematics, show components like power supply, what path the power takes, the load and the switch components. The diagrams will give you an in-and-out knowledge of how controls and components work in an easy-to-understand way.

Energy Conservation and HVAC Equipment

- ▶ To get a jump start on the latest developments in HVAC installation and maintenance, you'll need to learn about energy conservation practices and equipment. It's important for heating and cooling systems to be green, energy efficient. Heat and cold recovery are big, the idea being they energy demands and costs can be reduced by pre-heating or pre-cooling fresh air before it enters a room. This puts less stress on the entire system and less of a financial burden on the building owner or tenant.
- ▶ The demand for professional, knowledgeable, well-trained HVAC technicians is there; jobs are expected to grow 13 percent over the next ten years. But you need to be ready.