

## How To Prepare For a Plumber/ Pipefitter/HVACR Apprenticeship

If you are in high school you should take classes that will prepare you with the skills needed to apply for and succeed in apprenticeship. Basic Mathematics, Algebra, Geometry, Science, Drafting, Mechanical Drawing, and Shop Work are goods starters.

### Qualifications Necessary:

- At least 17 years of age.
- High School graduate with 2.0 cumulative grade point average with one full year of science and two full years of math with a "C" average in each course.
- Or a GED with a score of 500 or higher (High School Equivalency)
- Exception: Additional adult or college classes in Math, Science or Trade related subjects with proof of passing grades by transcript, grade card or certificate with grade.
- Official High School Transcript
- Birth Certificate
- DD-214 (If Applicable)
- Pass an aptitude test with a score of high or medium.



**If you like to work with your hands, have strong basic math skills, are dependable and responsible, a pipe trades apprenticeship may be the career you are seeking.**

### Benefits

The rewards of apprenticeship training are a pride in one's work and the good wages and benefits you receive while working to become a skilled crafts-person. You will have the protection of a union contract with health insurance, annuity and pension benefits.



*For More Information or  
How to Apply Contact:*

**Plumbers, Pipefitters  
and Refrigeration Workers  
Local 162 Apprenticeship School**  
1220 East Second Street  
Dayton, OH 45403-1019

**Phone: (937) 223-8534**



**PIPING YOUR WAY TO A  
SUCCESSFUL CAREER...**

**GREAT PAY**

**SUPERIOR BENEFITS**

**SATISFYING WORK**

**ADVANCEMENT**

**LOCAL 162**

**APPRENTICESHIP PROGRAM**

**EOE**

## What Do Plumbers/Pipefitters Do?

Plumbers and Pipefitters and HVACR install, maintain, and repair many different types of pipe and refrigeration systems.

These skilled workers install refrigerant and pipe systems that carry water, steam, air or gases needed for sanitation, industrial production or other uses. They also alter or repair existing pipe systems and install plumbing fixtures, appliances, and heating and refrigeration units. Pipe trades work is diverse. Also there is training for rigging, welding, brazing and soldering, as well as OSHA Ten and Thirty Hour Training.

Tools such as pipe wrenches, cutting torches, levels and rules are used by plumbers and pipefitters. They may also use soldering and brazing equipment and welding equipment.



They cut and bend lengths of pipe using saws, pipe cutters, and pipe bending machines.

## Hours and Working Conditions of a Plumber/Pipefitter...

Plumbers and Pipefitters generally work a standard 40 hour work week. However, overtime and weekend shifts are occasionally required.

One must be willing to work outdoors in all weather, on ladders, scaffolds, high places and underground. Some work may be in tight cramped places. Physical stamina is required for long periods of time.



## How to Begin...

Training to become a Plumber/Pipefitter/ HVAC Technician is available through an apprenticeship program offered by the Plumbers, Pipefitters and Refrigeration Local #162 and sponsored by the Dayton Area Joint Apprenticeship and Training Committee. This program is registered with the U.S. Department of Labor, Bureau of Apprenticeship and Training and The Ohio State Apprenticeship Council.

## The Apprenticeship System....

For many years, the apprenticeship system has offered classroom instruction in combination with practical on the job training.

As an apprentice you will be learning the trade with the assistance and direction of a journeyman.

What is great about apprenticeship is that you are earning a wage while learning. Apprentices are paid a percentage of the journeyman rate of pay to start, and the wages are increased until you reached the full journeyman rate.

It takes five years to complete the apprenticeship program: 9,000 on-the-job hours and 840 related instruction hours. What is even more exciting is the training costs you nothing!!

You will sign an apprenticeship agreement with the Joint Apprenticeship Committee and the Ohio State Apprenticeship Council. At the end of your five year apprenticeship, you will receive a "journeyman" completion certificate from the State Of Ohio Apprenticeship Council signifying you have completed the training that meets the industry standards.

## Advancement...

For the motivated person there is much to offer: Foreman, Superintendent, Project Manager, Estimator and Company Owner.

Credit for completion of your five year Apprenticeship Program can be applied to the Associate of Technical Study Degree at Owens College. All credits can also be applied toward a degree through Ohio University.