

Carpenter, Heavy Equipment Operator, Laborer, Sign-Hanger, Bricklayer, Concrete Finisher, Tile Trades

What is Apprenticeship?

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Apprenticeship is occupational training that combines on-the-job experience with classroom instruction. Apprentices usually begin at about half the hourly wage of skilled workers – journeymen who have industry certification. Apprentices receive pay increases as they learn to perform more complex tasks. When they become journeymen, they increase their chances of finding a well-paying job in industry and can become supervisors or go into business for themselves.

How long must I wait for an opening?

The waiting period, from the date an application is filed, to placement in an apprenticeship program varies, and can last from two weeks to two years. If you are qualified and selected to join the apprenticeship program, you will be placed in the “eligible pool.” Employers use this pool to fill apprenticeship vacancies as they become available.

How long must I serve as an apprentice?

Most apprenticeship programs last two to four years depending on program requirements.

Can I expect steady work as an apprentice?

An apprentice works as steadily as the average industry worker does, and most employers make an effort to make this possible. But, like other workers, an apprentice is subject to industry layoffs.

Can training and education received during military service or other work experience be credited toward apprenticeship requirements?

Yes. Some apprenticeship committees give credit for prior training.

Can I use veterans’ benefits as an apprentice?

Call your local Veterans Administration Office or call 1-800-827-1000 for more information.

Who becomes an Apprentice?

Am I the type of person who could be one?

An apprentice is a highly motivated individual who undertakes a long-term training program. An apprentice may be a man or a woman, someone newly entering the work force or looking to upgrade current skills. She or he may already be working in the construction trades or in service or industrial occupations. An apprentice’s beginning salary, about half of the salary of a fully trained worker, increases as the apprentice learns and performs more complex tasks. They spend between 120-160 hours a year studying theory and practical application in classrooms taught by journey level teachers. Classroom work helps the apprentice take on more difficult tasks at the job.

Are Apprentices required to attend school?

Apprentices are required to attend between 144-189 hours of school per year.

Who pays for classroom training?

This varies among different occupations and employers. In some cases apprentices pay for related training, in others, industry pays the bill.

The benefits of apprenticeship:

- ◆ Paid employment during training.
- ◆ Opportunity to learn skills needed by employers.
- ◆ A more secure career and the ability to adapt to new job requirements.
- ◆ The background to become a lead person, foreman, or supervisor.

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CARPENTERS

Lane/Douglas Counties Carpenters JATC
Oregon-Columbia Carpenters JATC

The Work

Carpenters construct and remodel almost every kind of structure, including houses, commercial buildings, bridges, churches, and factories. They build wood framing for houses, roofs, stairs, decks and sheaths, and forms for concrete and frame buildings, walls, footings, and columns.

Working Conditions

The work is physically demanding and involves a good deal of standing, climbing, kneeling, lifting and squatting. Work conditions vary with each job, either indoors or outdoors, and could include working either 100 feet below ground or on 100-foot-high scaffolding. The location of the job site generally changes several times during the year, so sometimes carpenters need to travel or relocate to take an available job. They must meet certain strength requirements, be agile, and have good eye-hand coordination.

Wages

Apprentices start at 55% of the journey-level scale, with scheduled increases at intervals over a four-year period. Depending on the location, currently journey wages range from \$22.22 (Lane Co.) to \$22.19 (PDX) per hour (3/01/11).

Start Up Expenses:

**Tools, clothing and equipment,
approximately \$250.00**

Beginning Tools and Clothes

| | |
|------------------------------|---------------------|
| 8 point handsaw | Combination square |
| Tool belt | 25' 1" tape measure |
| 1' wood chisel | 50' tape measure |
| Nail set | Chalk box |
| Wonder bar | Chalk bottle |
| 24" or 30" level | Glue bottle |
| Hearing protection | Safety glasses |
| Hard hat | 100' nylon dry-line |
| 16-20oz straight claw hammer | |

Transportation

Many construction sites are not located on or near public transportation. Owning or having access to an automobile is important while working in the trades.

The Apprenticeship

This apprenticeship is 8,000 hours (approximately four years) of on-the-job training and 144 hours of related (classroom) training per year.

Apprenticeship Entry Requirements

To be considered for this program you must meet or exceed the requirements listed below:

- 18 years of age or older.
- A high school graduate or GED equivalency or have been in the Oregon-Columbia Laborers apprenticeship program for 2,000 OJT hours with a registered training agent and have successfully completed one full year of related training.
- Submit a completed application with documentation that you have met the minimum entry requirements during the open enrollment period.
- Complete the required pre-employment orientation, interview, and safety training.

Note: Many employers have mandatory drug testing.

Geographical Area

Oregon - Benton, Clackamas, Columbia, Deschutes, Douglas, Lane, Linn, Marion, Multnomah, Polk, Tillamook, Washington, Yamhill & Union counties.

Washington - Clark, Cowlitz, Klickitat, Pacific, Skamania and Wahkiakum counties.

Related Training

School year: September - June, three terms per year
144 classroom hours per year
One night per week and occasional Saturdays

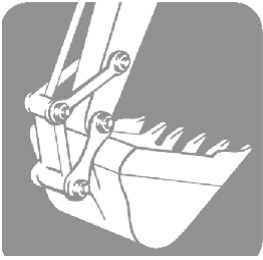
Location of classes:

Oregon-Columbia Carpenters
Northwest College of Construction, Portland, OR
Lane County Carpenters
Lane Community College

Cost of Related Training: None

Accepting Applications:

Please call for dates or check website



HEAVY EQUIPMENT OPERATORS

Oregon-Columbia Heavy Equipment Operators JATC
AGC/NUCA Heavy Equipment Operators Apprenticeship & Training Committee

The Work

Heavy equipment operators operate cranes, bulldozers, pavers, trench excavators and other heavy construction equipment used for the construction of buildings, dams, airports, highways and ports.

Working Conditions

Heavy equipment operators work outdoors. The average operator works 1,200 to 1,500 hours per year, about 150-190 days, depending on weather conditions. Apprentices must be flexible and adaptable to different environments, job sites and requirements, and they are sometimes required to commute long distances or to relocate for weeks or months to remain employed.

Wages

Apprentices start at 80% of the journey-level scale, with scheduled increases at intervals over a four-year period.

Start Up Expenses:

**Tools, clothing and equipment,
approximately \$200 - \$ 250.00**

Beginning Tools and Clothes

Hard sole boots
Steel-toed boots (in some cases)
Rain gear
Small tool box with
 Open end wrenches 1/4" - 1"
 Screwdriver set
 Socket set
Hard hat
Safety glasses
Hearing protection

Transportation

Many construction sites are not located on or near public transportation. Owning or having access to an automobile is important while working in the trades.

The Apprenticeship

This apprenticeship requires 8,000 hours (four years) of on-the-job training and 160 hours of related (classroom) training per year.

Apprenticeship Entry Requirements

To be considered for this program you must meet or exceed the requirements listed below:

- 18 years of age or older.
- A high school graduate or GED equivalency.
- Submit a completed application with documentation that you have met the minimum entry requirements during the open enrollment period.
- Complete the required pre-employment orientations.

Note: Many employers have mandatory drug testing.

Geographical Area

Entire state of Oregon and the following counties in Washington - Clark, Cowlitz, Klickitat, Pacific, Skamania and Wahkiakum

Related Training

School year: Winter Term
Classroom Hours per Year -160, four weeks per year

Location of Classes

A site Northwest College of Construction, Portland OR

Cost of Related Training

None. The apprentice is responsible for providing their own room and board for the month they are in training.

Accepting Applications:

Please call or check website for dates



LABORERS

Oregon-Columbia Laborers JATC

The Work

Laborers range from semi-skilled to highly skilled workers whose duties include, but are not limited to, handling the materials of bricklayers, cement masons and carpenters. A laborer must know how to work with her or his hands and with power tools run by gasoline, electricity, and compressed air. Laborer work is performed both indoors and outdoors and may be done at a surface environment, at extreme heights, underground, or above or under water. All laborers should expect to do a considerable amount of lifting, so strength, dexterity and alertness is required. As a supporter of other skilled craftworkers, laborers' work requires that their skills be diversified. They must have good math and reading skills to use today's highly technical tools and equipment.

Working Conditions

Laborers work is performed both indoors and outdoors, at heights, underground, or above or under water. Laborers lift, carry, climb, kneel, balance, and crawl. Because laborers work in varied conditions, they must be knowledgeable about the hazards and safety requirements of the job.

Wage

Apprentices start at 60% of the journey-level scale, with scheduled increases at intervals over a two-year period. The average wage for these journeymen is currently \$18.61 (04/11) per hour.

Start Up Expenses:

Tools, clothing and equipment,
approximately \$200.00

Beginning Tools and Clothes

| | | |
|-------------|---------------|--------------------|
| Gloves | Hardhat | Safety glasses |
| Boots | Rain gear | Hearing protection |
| Tool belt | Hammer | |
| Tape | Torpedo level | |
| Stanley bar | Wire pliers | |

Transportation

Many construction sites are not located on or near public transportation. Owning or having access to an automobile is important while working in the trades.

The Apprenticeship

This apprenticeship requires 4,000 hours (approximately two years) of on-the-job training and 144 hours of related (classroom) training per year.

Apprenticeship Entry Requirements

To be considered for this program you must meet or exceed the requirements listed below:

- 18 years of age or older.
- Submit a completed application with documentation that you have met the minimum entry requirements during the open enrollment period.
- Complete the required pre-employment orientations.

Note: Many employers have mandatory drug testing.

Geographical Area

Entire state of Oregon and the listed counties in Washington - Clark, Cowlitz, Klickitat, Pacific, Skamania and Wahkiakum

Related Training

School year: September - June, three terms per year
Classroom Hours per Year -144 one night per week and occasional Saturdays

Location of classes:

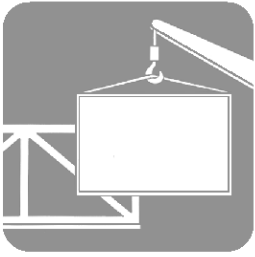
Northwest College of Construction, Portland, OR

Cost of Related Training

None

Accepting Applications:

Please call or check website for dates



SIGN HANGERS

Central Oregon Sign Hangers JATC

The Work

Sign Hanger duties include, but are not limited to, layout, fabrication, testing, installation and service of electrically illuminated signs and components. Sign hangers work both indoors and outdoors, with work performed in awkward positions and cramped quarters requiring the worker to do considerable standing, reaching, bending, stooping, climbing, carrying, lifting and working at great heights. Applicants must have good math abilities for purposes of calculating sheet metal, iron working, large support structures and electrical formulas as required. Training will eventually involve metal cutting, punching and shearing equipment. Sign Hangers will also work with a variety of other materials and fabrication equipment for work with many other materials such as plastics and wood.

Working Conditions

The work is done year round in various kinds of weather. The heights and structures vary. The work can be strenuous and physically demanding. Safety is important at all times.

Wages

Apprentices start at 50% of journey-level scale, with scheduled increases at intervals over a four-year period. The average wage for those journeymen is currently \$23.69 (3/1/11) per hour.

Start Up Expenses:

**Tools, clothing and equipment,
approximately \$132.00 - \$210.00**

Beginning Tools and Clothes*

Tool pouch and belt Claw hammer
Tool box with top tray
Channel locks or "C" clamps
3/8 inch drive socket set
1/2 inch drive socket set (7/16" to 1")
Nut driver set (1/4 " to 1/2")
4", 6", 8" adjustable wrench

**Employers will advise apprentices on which tools to purchase first.*

Transportation

Many construction sites are not located on or near public transportation. Owning or having access to an automobile is important while working in the trades.

The Apprenticeship

This apprenticeship requires 8,000 hours (four years) of on-the-job training and 144 hours of related (classroom) training per year.

Apprenticeship Entry Requirements

To be considered for this program you must meet or exceed the requirements listed below:

- 18 years of age or older.
- A high school diploma or GED equivalency.
- Completed one year of high school pre-algebra or higher math with a "C" or better or equivalent community college placement test.
- Submit a completed application with documentation that you have met the minimum entry requirements during the open enrollment period.
- Complete the required pre-employment orientations.

Geographical Area

Benton, Crook, Deschutes, Jefferson, Linn, Marion, Polk, Douglas, southern one-half of Yamhill County and Lane County East of Coastal Range

Related Training

School year: varies as classes become available

Location of classes:

Central Oregon Community College, Bend
Linn-Benton Community College, Albany
Chemeketa Community College, Salem
Lane Community College, Eugene
Clackamas Community College, Oregon City
Northwest College of Construction, Portland
Correspondence

Cost of Related Training

Varies with the school and the number of hours taken.

Accepting Applications:

Please call for dates or check website

