

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 County - Oregon-Columbia Carpenters JATC

This apprenticeship is 8000 hrs. (Approximately- 4 yrs.) of on the job training and 144 hrs. related (classroom) training per year.

18 yrs. old, high school diploma or GED, submit completed application w/documentation, complete the required pre-employment conditions. Apprentices start at 55% of the journey-level scale. From \$22.45 (Lane Co.) to \$22.51 (PDX) per hour

HEAVY EQUIPMENT OPERATORS - Oregon-Columbia Heavy Equipment

Operators JATC – AGC/NYCA Apprenticeship & Training Committee

This apprenticeship is 8000 hrs. (Approximately- 4 yrs.) of on the job training and 144 hrs. related (classroom) training per year.

18 yrs. old, high school diploma or GED, submit completed application w/documentation, complete the required pre-employment conditions. Apprentices start at 80% of the journey-level scale, which is currently \$24.06 an hour, with scheduled increases at intervals over a 4 yr. period.

LABORERS - Oregon-Columbia Laborers JATC

This apprenticeship is 4000 hrs. (Approximately- 2yrs.) of on the job training and 144 hrs. related (classroom) training per year.

18 yrs. old, submit completed application w/documentation, complete the required pre-employment conditions. Apprentices start at 60% of the journey-level scale, which is currently \$18.65 hr.

SIGN HANGERS - Central Oregon Sign Hangers JATC

This apprenticeship is 8000 hrs. (Approximately- 4 yrs.) of on the job training and 144 hrs. related (classroom) training per year.

18 yrs. old, high school diploma or GED, submit completed application w/documentation, complete the required pre-employment conditions. Apprentices start at 50% of the journey-level scale, which is currently \$24.37 per hour

BRICKLAYERS & CONCRETE FINISHERS - Oregon-Columbia Masons JATC

This apprenticeship is 6000 hrs. (Approximately- 3 yrs.) of on the job training and 144 hrs. related (classroom) training per year.

18 yrs. old, submit completed application w/documentation, complete the required pre-employment conditions. Apprentices start at 55% of the journey-level scale, which is currently \$31.69 per hour for Bricklayers & \$24.54 for Concrete Finishers.

TILE SETTERS - Oregon-Columbia Tile Trades JATC

This apprenticeship is 6000 hrs. (Approximately- 3 yrs.) of on the job training and 144 hrs. related (classroom) training per year.

18 yrs. old, submit completed application w/documentation, complete the required pre-employment conditions. Apprentices start at 55% of the journey-level scale, which is currently \$24.00 per hour for Tile Setters.



BRICKLAYERS

Oregon-Columbia Masons TATC

The Work

Bricklayers construct and remodel almost every kind of structure, including houses, commercial buildings, bridges, churches, and factories. Lays building materials, such as brick, structural tile, and concrete cinder, glass, gypsum, and terra cotta block to construct or repair walls, partitions, arches, sewers, and other structures.

Working Conditions

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

Wages

Apprentices start at 55% of the journey-level scale, with scheduled increases at intervals over a three-year period. The average wage for those journeymen is currently \$31.30 per hour.

Start Up Expenses:

**Tools, clothing and equipment,
approximately \$125.00**

Beginning Tools and Clothes

Leather work boots	2' & 4' level
Trowel	Margin Trowel
Brick hammer	Flat Joiner
Brick set	20' Tape measure
Gloves	Joiner

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 6,000 hours (three 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

Multnomah, Clackamas, Washington, Marion, Linn, Benton, Lane and Deschutes counties in Oregon.

Related Training

School year:

(4)- One week sessions per year

Classroom Hours: 144 hours per year

Location of classes:

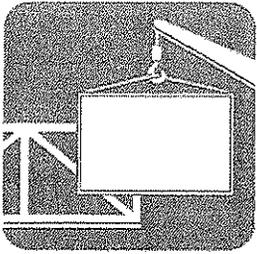
Northwest College of Construction, Portland, OR

Cost of Related Training

Training is funded by the committee, apprentices are responsible for purchasing their own books.

Accepting Applications:

Please call for dates or check website



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 (4/1/12) 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

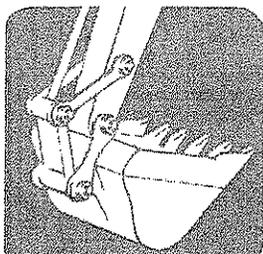
School year: varies as classes become available

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.



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.

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.

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.

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

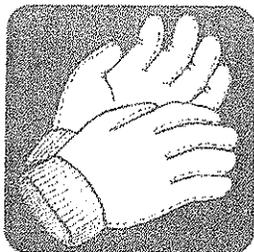
A site Northwest College of Construction, Portland OR

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



Oregon-Columbia Laborers JATC

Oregon Laborers JATC and SW Washington AGC Laborers ATC

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 (04/12) 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



CONCRETE FINISHERS

Oregon-Columbia Masons TATC

The Work

Cement masons smooth and finish surfaces of poured concrete floors, walls, sidewalks, or curbs to specified textures, using hand tools or power tools, including floats, trowels, and screeds. May mix cement, using hoe or concrete mixing machine. May set forms and perform other duties as necessary.

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. Location of the job site generally changes several times during the year, so sometimes cement finishers 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 three-year period. The average wage for those journeymen is currently \$23.54 per hour.

Start Up Expenses:

**Tools, clothing and equipment,
approximately \$125.00**

Beginning Tools and Clothes

Leather work boots	2' & 4' level
Trowel	Margin Trowel
Brick hammer	Flat Joiner
Brick set	20' Tape measure
Gloves	Joiner

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 6,000 hours (three 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

Multnomah, Clackamas, Washington, Marion, Linn, Benton, Lane and Deschutes counties in Oregon.

Related Training

School year:
(4) - One week sessions
Classroom Hours: 144 hours per year

Location of classes:

Northwest College of Construction, Portland, OR

Cost of Related Training

Training is paid for by the committee.

Accepting Application:

Please call for dates or check website



TILE TRADES

Oregon-Columbia Tile Trades JATC

The Work

The Oregon Columbia Tile Trades JATC covers two programs: one for Tile Setters and one for Tile Finishers. While an individual can apply to either program at any time, the industry standard is that individuals begin training as tile finishers then advance to Tile Setters once they have mastered finishing.

Tile setters will install ceramic, marble and granite tile. Tile finishers supply and mix construction material. They also apply grout, finish and clean surface areas. They move installation materials, tools, machines and work devices to on-site work areas.

Working Conditions

The work is physically demanding and involves a good deal of standing, kneeling, lifting and bending. They generally work indoors.

Wages

Apprentices start at 65% of the journey-level scale, with scheduled increases for about every six months or 1000 on-the-training hours worked. The current average wage for journey level Tile Setters is \$23.77 while the average wage for journey level Tile Finishers is currently \$17.84 per hour.

Start Up Expenses:

Tools, clothing and equipment,
approximately \$125.00

Beginning Tools and Clothes:

Margin Trowel
Notch Trowels
Levels
Grout Float
Rubber Gloves
Tape Measure
Work Boots

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

The tile setter apprenticeship requires 6,000 hours (three years) of on-the-job training and 144 hours of related (classroom) training per year. The tile finisher apprenticeship requires 2,000 hours (one year) of on-the-job training and 144 hours of related (classroom) training.

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 an open enrollment period.
- Complete the required pre-employment orientations.

Note: Many employers have mandatory drug testing and may require applicants to have a valid driver's license

Geographical Area

Washington County, Oregon

Related Training

School year:

(9) Friday/Saturday Sessions Per Year, generally
September-June

Classroom Hours: 144 hours per year

Location of classes:

Northwest College of Construction, Portland, OR

Cost of Related Training

Training is paid for by the committee.

Accepting Applications: Please for dates or check website