

HVAC TECHNICIAN

\$24.64 PER HOUR/\$51,235 PER YEAR*

Heating, ventilation, and air conditioning (HVAC) technicians are always piecing things together as they install, maintain, and repair control systems in residential, commercial, and industrial systems. HVAC covers motors, compressors, pumps, fans, thermostats, and computerized switches, as well as installing heating and cooling systems. Technicians can also specialize in specific equipment such as hydronics (water-based heating systems), solar panels, or commercial refrigeration.

TRAINING

Four years of classroom and on-the-job training. There are numerous HVAC technician training providers across the state; to find one in your area, visit www.oregonapprenticeship.org.



HEAVY EQUIPMENT OPERATOR

\$26.60 PER HOUR/\$55,322 PER YEAR*

Heavy equipment operators use machinery to move construction and heavy materials, and earth at construction sites and mines. They operate equipment that clears and grades land to prepare it for construction of roads, buildings, and bridges; airport runways; power generation facilities; dams; and levees. Many pieces of heavy equipment use GPS technology to help with leveling.

TRAINING

Three to four years of classroom and on-the-job training at one of the following training providers: NW College of Construction, Operating Engineers 701, or Knife River Oregon JAC. www.oregonapprenticeship.org

IRONWORKER

\$30.76 PER HOUR/\$63,970 PER YEAR*

Iron working is the ultimate in hands-on construction. They place and permanently install iron or steel girders, columns, and other construction materials to form the infrastructure all around us.

TRAINING

Three years of classroom and on-the-job training at the following training provider: Pacific NW Ironworker & Employer JATC. www.oregonapprenticeship.org

LABORER

\$19.22 PER HOUR/\$39,975 PER YEAR*

Construction laborers and helpers work on almost all construction sites, performing a wide range of tasks from the very easy to the extremely difficult and hazardous. They may operate hand and power tools of all types.

TRAINING

Two years of classroom and on-the-job training, at one of the following training providers: Oregon Laborers or NW College of Construction. www.oregonapprenticeship.org

MASON

\$24.46 PER HOUR/\$50,879 PER YEAR*

Masons use bricks, concrete blocks, and natural stones to build attractive, durable surfaces and structures. These craft professionals have created buildings, walls, and roads for thousands of years.

TRAINING

Three years of classroom and on-the-job training at one of the following training providers: NW College of Construction or Oregon & SW-WA Cement Masons JATC. www.oregonapprenticeship.org

CARPENTER

\$23.89 PER HOUR/\$49,688 PER YEAR*

Commercial and industrial carpenters construct, erect, install, and repair many types of structures, including buildings, highways, and bridges.

TRAINING

Four years of classroom and on-the-job training at one of the following training providers: NW College of Construction or Pacific NW Carpenters Institute. www.oregonapprenticeship.org

CEMENT MASON / CONCRETE FINISHER

\$22.49 PER HOUR/\$46,799 PER YEAR*

Cement masons smooth and finish surfaces of poured concrete such as floors, walks, beams, roads, curbs, and counter tops using a variety of tools.

TRAINING

Three years of classroom and on-the-job training at one of the following training providers: NW College of Construction or Oregon & SW-WA Cement Masons JATC. www.oregonapprenticeship.org

BUILD oregon

build-oregon.com

MILLWRIGHT

\$29.48 PER HOUR/\$61,331 PER YEAR*

Millwrights work on construction sites and in factories assembling and dis-assembling machinery. This work can involve intricate technical repairs or heavy machining tools, and millwrights have to be able to understand technical manuals for many different types of machines, as well as use a high level of problem solving skills.

TRAINING

Four years of classroom on-the-job training at the following training provider: Pacific NW Carpenters Institute. www.oregonapprenticeship.org

SHEET METAL WORKER

\$24.57 PER HOUR/\$51,108 PER YEAR*

Sheet metal workers cut and mold sheets of metal into products for installing and repairing ventilation and air ducts. They also construct airplanes, automobiles, and billboards. Most sheet metal fabrication shops are completely computerized, so sheet metal workers may be responsible for programming control systems on various pieces of equipment.

TRAINING

Five years of classroom and on-the-job training. There are numerous sheet metal worker training providers across the state; to find one in your area, visit www.oregonapprenticeship.org.

CRANE OPERATOR

\$32.01 PER HOUR/\$66,586 PER YEAR*

Mobile crane operators use state-of-the-art heavy machinery to move construction materials, earth, and other items over short distances. Joysticks, levers, and pedals allow the operator to use their knowledge of load calculations to place materials around a construction site.

TRAINING

Three to four years of classroom and on-the-job training at one of the following training providers: NW College of Construction, Operating Engineers 701, or Knife River Oregon JAC. www.oregonapprenticeship.org

DRYWALL FINISHER / CEILING TILE INSTALLER

\$25.40 PER HOUR/\$52,830 PER YEAR*

This job requires a lot of standing, stretching, lifting of heavy loads, and kneeling. Skilled tradespeople must measure, cut, and install drywall boards and ceiling tiles correctly, then shape, fill, and finish to perfection.

TRAINING

Three years of classroom and on-the-job training at one of the following training providers: Painters & Allied Trades Regional Training Center or Pacific NW Carpenters Institute. www.oregonapprenticeship.org

ELECTRICIAN

\$33.82 PER HOUR/\$70,355 PER YEAR*

Electricians install and maintain all the wiring and equipment through which electricity flows in our homes and businesses, including basic wiring, sound systems, robotics, and high-tech fiber optics.

TRAINING

Two and a half to five years of classroom and on-the-job training. There are numerous electrical training providers across the state; to find one in your area, visit www.oregonapprenticeship.org.

GLAZIER

\$23.54 PER HOUR/\$48,970 PER YEAR*

A glazier cuts, fits, installs, and repairs glass in windows, mirrors, skylights, tabletops, display cases, and shower doors.

TRAINING

Four years of classroom and on-the-job training at the following training provider: OR SW-WA Glaziers, Architectural Metal & Glassworker JATC. www.oregonapprenticeship.org

PAINTER

\$18.18 PER HOUR/\$37,816 PER YEAR*

Painters are responsible for choosing and applying just the right paint, stain, varnish, or other finish to buildings and industrial structures. This career path ranges from industrial spray painters who apply coatings to prevent deterioration to decorative artisans who create faux finishes.

TRAINING

Three years of classroom and on-the-job training at the following training provider: Painters & Allied Trades Regional Training Center. www.oregonapprenticeship.org



PILEDRIIVER

\$26.76 PER HOUR/\$55,668 PER YEAR*

Piledrivers are usually the first workers at a commercial construction site. They drive metal sheet piling to hold back dirt during excavations; drive concrete, metal, and wood pilings as part of the foundation system for skyscrapers; and drive wood and concrete to hold up docks, wharves, and bridges.

TRAINING

Four years of classroom and on-the-job training at the following training provider: Pacific NW Carpenters Institute. www.oregonapprenticeship.org

PLUMBER / PIPEFITTER

\$35.92 PER HOUR/\$74,709 PER YEAR*

Plumbers and pipefitters do much more than fix sinks and toilets in homes. They design and install piping systems that distribute water and remove waste from buildings and connect heating and cooling systems.

TRAINING

Four years of classroom and on-the-job training. There are numerous plumbing and pipefitter training providers across the state; to find one in your area, visit www.oregonapprenticeship.org.

RIGGER

\$32.88 PER HOUR/\$68,406 PER YEAR*

Riggers attach loads of construction equipment to cranes or structures using cables, pulleys, and winches. Riggers use various suspension techniques to get their load around obstacles on a construction site to the desired location.

TRAINING

Three to four years of classroom and on-the-job training at one of the following training providers: NW College of Construction, Operating Engineers 701, or Knife River Oregon JAC. www.oregonapprenticeship.org

ROOFER

\$20.13 PER HOUR/\$41,871 PER YEAR*

Roofers work outdoors using modern materials and methods to install shelter and coverings for all types of homes and businesses.

TRAINING

Four years of classroom and on-the-job training at the following training provider: OR/SW-WA Roofers & Waterproofers JATC. www.oregonapprenticeship.org

SURVEYOR

\$32.86 PER HOUR/\$68,350 PER YEAR*

Surveyors are the first on the site to gather data about the elevation, contour, and dimensions of the land being developed. Survey jobs are available in every segment of the construction industry, including highway and bridge construction, pipeline, map making, engineering, and mining.

TRAINING

Three years of classroom and on-the-job training, at the following training provider: Operating Engineers 701. www.oregonapprenticeship.org

WELDER

\$22.03 PER HOUR/\$45,822 PER YEAR*

Welders join objects together by applying heat or pressure. Skilled welders have a thorough knowledge of welding principals and metals. They use blueprints and drawings to build anything from ships to cars to bridges.

TRAINING

Welding is incorporated to many construction craft positions. The American Welding Society certification courses are widely used throughout the United States. For more info visit www.oregonapprenticeship.org.