



State of Hawaii
Department of Labor & Industrial Relations
Workforce Development Division

EEO Employer/Program Manager

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GUIDE TO

STATE REGISTERED



CONSTRUCTION APPRENTICESHIP PROGRAMS

REVISED
SEPTEMBER 2017



Aloha:

Apprenticeship is a system of training in which a person learns a trade through on-the-job experience and related classroom instruction. The apprenticeship programs described here are developed and operated by labor unions and/or employer organizations representing the various trades. These programs are registered with the Department of Labor and Industrial Relations which is responsible for ensuring that they operate in compliance with the standards for safeguarding the welfare of apprentices.

This booklet contains information about all of the construction trades apprenticeship programs currently registered with the State of Hawaii, Department of Labor and Industrial Relations. It lists data that individuals considering a career in the construction trades may need to make an informed decision.

We hope that you will find this booklet helpful.

Sincerely,

Elaine Young, Administrator
Workforce Development Division

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UNION BOILERMAKER



Boilermakers construct, assemble, maintain, and repair stationary steam boilers and boiler house auxiliaries. Aligns structures or plate sections to assemble tanks or vats, following blueprints. Inspects and repairs boiler fittings.



Apprenticeship Program requires satisfactory completion of **6,000 hours** of work and industry related study.

MIN. REQMTS: Age 18+
High school graduate or GED equivalent
Physically able to perform duties of the trade

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Western States Area Joint
Apprenticeship Committee
P.O. Box 1612
Page, Arizona 86040

Phone: (928) 645-0277

No training staff currently based in Hawaii

MISC. INFO: For more information see:
<http://www.westernstatesjac.org/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>

UNION BRICKLAYER-MASON

Bricklayer-masons build and repair walls, partitions, fireplaces, and other structures with brick, cinder-block, structural tile, and other masonry materials. They cut, lay, and set their materials using trowels, brick hammers, and jointing tools. They determine vertical and horizontal alignment with plumb bobs, gauge lines, and levels. They may also weld metal supports for bricks.



Apprenticeship Program requires satisfactory completion of **8,000 hours** of work and industry related study.

MIN. REQMTS: Age 16+
High school graduate or GED equivalent
Physically able to perform duties of the trade

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Masons Training Office
1188 Sand Island Parkway
Honolulu, HI 96819

Phone: 848-0565
Fax: 847-7068

MISC. INFO: For more information see:
<http://www.bacweb.org/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>

UNION TAPER



This covers all stocking and mixing of materials, all work involved in application by hand or automatic tools the embedding of tape-both paper and fiberglass, the application of skim coats over tape, detail work, nail spotting, application of outside corner guards and edge trim, filling corner guards and edge trim, finishing of angles, sanding, finishing and final check out to include punch list, the surface preparation and application of simulated acoustical spray, the preparation of surfaces to receive paint, wallpaper or textures on both new and re-do surfaces, the application of all textures or synthetic coatings systems-both interior and exterior, all masking and cleanup in connection with the above work, along with the erection and disassembling of scaffolding which support workers in performing the above.

Apprenticeship Program requires satisfactory completion of **8,000 hours** of work, industry related study, and safety certification.

MIN. REQMTS: Age 18+
Physically able to perform duties of the trade
Driver's license
High school diploma or equivalent

RECRUITMENT: Applicants shall be selected on a non-discriminatory basis. If there are no unemployed apprentices, the employer may hire anyone who meets the minimum qualifications.

CONTACT: Tapers Local Union 1944
2240 Young Street
Honolulu, HI 96826

Phone: 941-0991
Fax: 946-6623

MISC. INFO: For more information see:
<http://www.dc50.org/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>

UNION

TILE SETTER

Tile setters apply tiles to walls, floors and ceilings for decoration. Following design specification, they measure and mark the surface. They apply a coat of cement to the surface and set the tiles into place. After the cement has set, they apply a very fine cement mixture to fill the joints. If necessary, they cut and shape tiles with a sawing machine or a special cutting tool. They use trowels, levels, hammers, and chisels to set the tiles.



Apprenticeship Program requires satisfactory completion of **8,000 hours** of work and industry related study.

MIN. REQMTS: Age 16+
High school graduate or GED equivalent
Physically able to perform duties of the trade

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Masons Training Office
1188 Sand Island Parkway
Honolulu, HI 96819

Phone: 848-0565
Fax: 847-7068

MISC. INFO: For more information see:
<http://www.opcmia.org/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>

NON-UNION

CARPENTER

Carpenters build, install, and repair structures and fixtures of wood, plywood, and wallboard. They erect structural framework and construct forms for concrete. They lay subflooring, build stairs, and erect scaffolding. Carpenters also install cabinets, windows, doors, paneling, and other wooden items in buildings.



Carpenters study blueprints to determine the required materials and the dimensions. Using measuring tools, saws, hammers, and other equipment, they mark, cut, and assemble the materials. They verify trueness of structures with plumb bobs and levels. Work is commonly divided into two categories--rough and finish carpentry.

Apprenticeship Program requires satisfactory completion of **8,000 hours** of work and industry related study.

MIN REQMTS: Age 18+
High school diploma or GED
Full-time employee or a member company for a period of not less than six continuous weeks
Legally able to work
Physically able to perform duties of the trade

RECRUITMENT: Sponsored by member company

CONTACT: Associated Builders & Contractors, Inc.
1375 Dillingham Blvd., #200
Honolulu, HI 96817

Phone: 845-4887
Fax: 847-7876

MISC. INFO: For more information see:
<http://abchawaii.org/>, click on "Apprentice Program".

UNION

CARPENTER



Carpenters build, install, and repair structures and fixtures of wood, plywood, and metal/wallboard. They erect structural framework and construct forms for concrete. They lay subflooring, build stairs, and erect scaffolding. Carpenters also install cabinets, windows, doors, paneling, and other wooden items in buildings and homes.

Carpenters study blueprints to determine the required materials and the dimensions. Using measuring tools, saws, hammers, and other equipment, they mark, cut, and assemble the materials. They verify trueness of structures with plumb bobs and levels. Work is commonly divided into 2 categories-rough and finish carpentry.

Apprenticeship Program requires satisfactory completion of **8,000 hours** of work and industry related study.

MIN REQMTS: Age 17+
 High school diploma or equivalent work
 experience
 Pass basic math test
 Complete questionnaire
 Able to lift 75 lbs.

RECRUITMENT: By Joint Apprenticeship Committee
 Watch for announcements

CONTACT: Hawaii Carpenters Training Office
 1311 Houghtailing Street, Room 201
 Honolulu, HI 96817

Phone: 848-0794, x 5
Fax: 841-5961 or 841-0300

MISC. INFO: For more information see:
 <http://www.carpenters.org/>
 For military veterans, also see:
 <http://www.helmetstohardhats.org/>

UNION

STONEMASON



Stonemasons erect stone structures and set stone exteriors. They build piers, walls and abutments; and lay walks and curbstones. They use two types of stone: natural cut stone, such as marble and granite, and artificial stone made from concrete and other masonry materials. They shape, set, and align the materials with chisels, hammers, mallets, trowels, crowbars, and plumbines. They remove dirt and excess mortar with a mild acid solution. They also use power tools for cutting and smoothing.

Apprenticeship Program requires satisfactory completion of **8,000 hours** of work and industry related study.

MIN. REQMTS: Age 16+
 High school graduate or GED equivalent
 Physically able to perform duties of the
 trade

RECRUITMENT: By Joint Apprenticeship Committee
 Watch for announcements

CONTACT: Masons Training Office
 1118 Sand Island Parkway
 Honolulu, HI 96819

Phone: 848-0565
Fax: 847-7068

MISC. INFO: For more information see:
 <http://www.bacweb.org/>
 For military veterans, also see:
 <http://www.helmetstohardhats.org/>

UNION STEAMFITTER WELDER

Steamfitter Welders install and repair low and high pressure piping systems and their components, including heating, cooling and processing applications. They lay out, assemble, maintain and service pipe systems, pipe supports and related hydraulic and pneumatic equipment for steam, hot water, lubrication and industrial production, including petroleum fuel lines. They work with selected types and sizes of pipes, valves and hydraulic cylinders according to specifications. They measure, cut, thread, weld, braze, solder, bend pipe to join and fabricate sections of piping systems to be installed on job sites. Steamfitter Welders read and interpret drawings, blueprints and specifications to determine layout requirements for pipe in spaces, floors and ceilings. They inspect work sites to determine presence of obstructions and to ascertain that holes cut for pipes will not cause structural weakness. Welding is required.



Apprenticeship Program requires satisfactory completion of **10,000 hours** of work experience in the trade and 5 years, 10 semesters of related and hands-on instruction (108 hours per semester). Welder certification is required to complete the program.

MIN. REQMTS: Age 17+
High school diploma or GED equivalent
School transcripts
Pass placement evaluation with a minimum score of 70%
Driver's license

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Plumbers/Pipefitters Training Office
720 Iwilei Road, Suite 222
Honolulu, HI 96717

Phone: 456-0585
Fax: 456-7131

MISC. INFO: For more information see:
<http://www.ua.org/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>

UNION CEMENT FINISHER

Cement finishers finish surfaces of poured concrete floors, walls, sidewalks, and other construction projects to specified textures. They direct the pouring and supervise laborers who spread the concrete. Using straightedge, darbies, edgers, and floats, they level and smooth the concrete. They fill minor depressions and remove high spots with rubbing bricks and chisels. They also produce other finishes such as coarse, non-skid and pebble-like finishes.



Apprenticeship Program requires satisfactory completion of **8,000 hours** of work and industry related study.

MIN REQMTS: Age 16+
Physically able to perform duties of the trade

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Masons Training Office
1188 Sand Island Parkway
Honolulu, HI 96819

Phone: 848-0565
Fax: 847-7068

MISC. INFO: For more information see:
<http://www.opcmia.org/>
<http://www.bacweb.org>
For military veterans, also see:
<http://www.helmetstohardhats.org/>

UNION CONSTRUCTION CRAFT LABORER

Laborers perform a variety of tasks on construction projects, usually working with other trades, in a utility capacity transferring from one task to another. They measure distances from grade stakes, drive stakes, and stretch tight lines. They use bolt and nails to align blocks under forms. They work as signal operators to facilitate alignment, movement and adjustment of machinery. They level earth to grade specification using picks, shovels, and other equipment. They move, smooth and finish freshly poured concrete using float, trowel, or screed. They erect scaffolding, shoring, and braces. They mop, brush, or spread paint or bituminous compound to protect surfaces. They spray water, sand, steam, vinyl, paint or stucco through hoses to clean, coat, or seal surfaces, and apply caulking compounds to seal crevices. They grind, sand, or polish surfaces using abrasive tools or machines.



Apprenticeship Program requires satisfactory completion of **4,000 hours** of a combination of work and industry related study.

MIN REQMTS: Age 18+
High school diploma or GED
Driver's license
Successfully complete Pre-Construction
Apprentice Evaluation Course

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Hawaii Laborers Training Program
96-138 Farrington Highway
Pearl City, HI 96782

Phone: 455-7979
Fax: 456-8689

MISC. INFO: For more information see:
<http://www.liuna.org/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>



UNION SHEET METAL WORKER



The sheet metal worker is a highly skilled craftsman who fabricates, installs, repairs and alters products made of sheet metal in construction, industrial and transportation work. Working from blueprints, plans and drawings, they use manual and power driven tools to cut, punch, drill, shape, fit, weld and solder pieces of metal. In construction, the work includes environmental controls, heating and cooling duct systems, storefronts, metal roofing and siding, gutter and downspout, food service equipment and other miscellaneous products. The sheet metal worker also does industrial work such as exhaust systems for paint spray booths, drying ovens, print shops, chemistry laboratories, welding rooms and boiler breeches and stacks. Along with the exhaust systems, sheet metal workers install systems that remove pollutants from the air before being discharged into the atmosphere.

Apprenticeship Program requires satisfactory completion of **10,000 hours** of work process and **1,050 hours** of related instruction.

MIN. REQMTS: Age 18+
High school diploma or GED
Complete industry test
Driver's license
Physically able to perform work

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Sheet Metal Workers JAC
1405 No. King Street, Room 403
Honolulu, HI 96817

Phone: 841-6106
Fax: 841-1842

MISC. INFO: For more information see:
<http://www.smwia.org/>
For military veterans, also see:
<http://helmetstohardhats.org/>

UNION DRYWALL, ACCOUSTIC, AND LATHER INSTALLER



Installs horizontal and vertical metal or wooden studs for attachment of wallboard on interior walls, using hand tools. Scribes measurements on wallboard using straightedge and tape measure, and cuts wallboard to size using knife and saw. Attaches wallboard to wall and ceiling supports using glue, nails, screws, hammer, or powered screwdriver. Uses a knife to trim rough edges from wallboard to maintain even joints. Nails prefabricated metal pieces around windows and doors and between dissimilar materials to protect drywall edges. May remove plaster, drywall, or paneling using crowbar and hammer. Usually works with others.

Apprenticeship Program requires satisfactory completion of **8,000 hours** of work and industry related study.

MIN. REQMTS: Age 17+
High school diploma or GED
Complete questionnaire
Pass basic math test
Lift 100 lbs.

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Hawaii Carpenters Training Office
1311 Houghtailing Street, Room 201
Honolulu, HI 96817

Phone: 848-0794, x 5
Fax: 841-5961 or 841-0300

MISC. INFO: For more information see:
<http://www.carpenters.org/>
For military veterans, also see:
<http://helmetstohardhats.org/>

UNION ELECTRICIAN (WIREFPERSON)

Wirepersons install conduit, electrical wiring, fixtures and electrical apparatus in buildings and in industrial settings. Major duties include: planning/initiating projects; establishing temporary power; establishing grounding systems; installing electrical service; establishing power distribution within a project; planning and installing raceway systems; installing new and repairing old wiring; providing power and controls to motors, HVAC, and other equipment; installing receptacles, lighting systems, and fixtures; troubleshooting and repairing electrical systems; installing and repairing traffic signals, outdoor lighting and outdoor power feeders; installing fire alarm systems.

5-year Apprenticeship Program requires satisfactory completion of **10,000 hours** of work and industry related study.

MIN. REQMTS: Age 18+
High school diploma or GED
Complete the National Joint Apprenticeship and Training Committee Math Course or one-year high school Algebra 1
Transcript of high school or post high school courses
Pass industry aptitude test to qualify for oral interview
Application fee (non-refundable)

RECRUITMENT: Watch for announcements

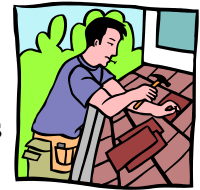
CONTACT: Hawaii Electricians Training Office
1935 Hau Street, Room 301
Honolulu, HI 96819

Phone: 847-0629
Fax: 843-8818



MISC. INFO: For more information see:
<http://www.njatc.org/apprentice.htm>
For military veterans, also see:
<http://helmetstohardhats.org/>

UNION ROOFER



Roofers cover and waterproof the roofs of buildings with composition materials, asphalt and gravel, or tiles. They also waterproof masonry and concrete walls and floors by applying liquid water-proofing compound. They follow established procedures in applying the various types of roofing materials. Roofers use hand tools such as hammers, roofing knives, mops, and caulking guns.

Apprenticeship Program requires satisfactory completion of **8,000 hours** of work and industry related study.

MIN. REQMTS: Age 16+
High school diploma or GED
Driver's license
Physically able to perform duties of the trade
Able to lift 100 lbs.

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Roofers Union, Local 221
2045 Kam IV Road, Room 203
Honolulu, HI 96819

Phone: 847-5757
Fax: 848-8707

MISC. INFO: For more information see:
<http://www.unionroofers.com/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>

NON-UNION

ROOFER

Roofers cover and waterproof the roofs of buildings with composition materials, asphalt and gravel, or tiles. They also waterproof masonry and concrete walls and floors by applying liquid water-proofing compound. They follow established procedures in applying the various types of roofing materials. Roofers use hand tools such as hammers, roofing knives, mops, and caulking guns.



Apprenticeship Program requires satisfactory completion of **7,000 hours** of work and industry related study.

MIN. REQMTS: Age 18+
Full-time employee of a member company for a period of not less than six continuous weeks
Legally able to work
Physically able to perform duties of the trade
Pass physical examination if required by Committee

RECRUITMENT: Sponsored by member company

CONTACT: Associated Builders & Contractors, Inc.
1375 Dillingham Blvd., #200
Honolulu, HI 96817

Phone: 845-4887
Fax: 847-7876

MISC. INFO: For more information see:
<http://abchawaii.org/>, click on "Apprentice Program".

UNION

ELECTRICAL WIREPERSON

Wirepersons install conduit, electrical wiring, fixtures and electrical apparatus in buildings and in industrial settings. Major duties include: planning/initiating projects; establishing temporary power; establishing grounding systems; installing electrical service; establishing power distribution within a project; planning and installing raceway systems; installing new and repairing old wiring; providing power and controls to motors, HVAC, and other equipment; installing receptacles, lighting systems, and fixtures; troubleshooting and repairing electrical systems; installing and repairing traffic signals, outdoor lighting and outdoor power feeders; installing fire alarm systems.

Apprenticeship Program requires satisfactory completion of **10,000 hours** of work and industry related study.

MIN. REQMTS: Age 18+
High school diploma or GED
Pass color-code test
Pass aptitude test
Transcript of high school or post high school courses
Pass one-year high school Algebra 1 (not Pre-Algebra) or higher
Valid driver's license

RECRUITMENT: Watch for announcements

CONTACT: Hawaii Electrical Workers
1617 Palama Street
Honolulu, HI 96817

Phone: 841-5877
Ext 234

Fax: 847-7829

Website: N/A



NON-UNION ELECTRICIAN

Electricians layout, install, repair, and test electrical systems for heat, light, power, air conditioning, and refrigeration components. They install electrical machinery, controls, and electronic, signal and communication equipment. They follow blueprints. They measure, cut assemble and install electrical conduits, and pull electrical wires and make the connections. They test circuits for continuity and grounding. Electricians use screwdrivers, pliers, and other hand tools, pipe threaders, conduit benders, and test meters and power tools.

Apprenticeship Program requires satisfaction completion of **10,000 hours** of work and industry related study.

MIN. REQMTS: Age 18+
High school diploma or GED
Full-time employee of a member company
for a period of not less than six
continuous weeks
Legally able to work
Physically able to perform duties of the trade
Pass eye examination for color blindness
Completed one-year high school algebra (not
pre-algebra)

CONTACT: Associated Builders & Contractors, Inc.
1375 Dillingham Blvd., #200
Honolulu, HI 96817

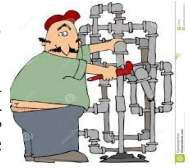
Phone: 845-4887
Fax: 847-7876

MISC. INFO: For more information see:
<http://abchawaii.org/>, click on "Apprentice
Program".



UNION REFRIGERATION –AIR CONDITIONING (PIPEFITTER)

The refrigeration pipefitters lay out, fabricate, assemble, install and maintain pipe systems as well as design, install, maintain, troubleshoot and repair residential and commercial refrigeration and air conditioning equipment. Types of equipment often include household air conditioners and refrigerators to commercial air conditioners, refers and freezers, computer room air conditioners, building chiller plants and air handlers, to name a few. The pipefitter is required to interpret plans and specifications, use all tools of the trade to cut and connect, install piping and equipment, understand physics of liquids, gases, refrigerants, electricity and electrical controls. The refrigeration fitter must also follow EPA guidelines for handling refrigerants and understand public health safety in regard to the preservation of food and indoor air qualities.



Apprenticeship Program requires satisfactory completion of **10,000 hours** of work experience in the trade and 5 years, 10 semesters of related and hands-on instruction (108 hours per semester).

MIN. REQMTS: Age 17+
High school diploma or GED
School transcripts
Pass placement evaluation with a
minimum score of 70%
Driver's license

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Plumbers/Pipefitters Training Office
720 Iwilei Road, Suite 222
Honolulu, HI 96817

Phone: 456-0585
Fax: 456-7131

MISC. INFO: For more information see:
<http://www.ua.org/>
For military veterans, also see:
<http://helmetstohardhats.org/>

UNION POINTER-CAULKER-WEATHERPROOFER

Pointer-Caulker-Weatherproofers mix and apply external and internal applications of caulking to precast concrete on buildings. They do patching, masonry, and epoxy work on highways and roadway sealing. They perform a combination of duties on construction projects and usually work with other trades persons where demands require workers with varied experience and the ability to work without close supervision. They may use grinders and other abrasive tools and equipment.

Apprenticeship Program requires satisfactory completion of **6,000 hours** of work and industry related study.

MIN. REQMTS: Age 16+
High school graduate or GED equivalent
Physically able to perform duties of the trade

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Masons Training Office
1188 Sand Island Parkway
Honolulu, HI 96819

Phone: 848-0565
Fax: 847-7068

MISC. INFO: For more information see:
<http://www.bacweb.org/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>



UNION ELEVATOR CONSTRUCTOR



Elevator constructors assemble and install electric and hydraulic freight and passenger elevators, escalators, and dumbwaiters, determining layout and electrical connections from blueprints. They lay out location of framework, counter-balance rails, motor pump, cylinder, and plunger foundation. They drill holes in concrete or structural steel members with selected electric drills. They secure anchor bolts or weld brackets to support rails and frame-work, and verify alignment with plumb bob and level. They prefabricate sections of framework and other components to specified dimensions, using acetylene torch, power saw, and disc grinder. They install cables, counter weights, pumps, motor foundations, escalator drives, guide rails, elevator cars, and control panels using hand tools. They connect electrical wiring to control panels and electric motors. They install safety and control devices and position equipment on top of elevator shafts using hoists and cable slings.

Apprenticeship Program requires satisfactory completion of **6,800 hours** of work and industry related study.

MIN. REQMTS: Age 18+
High school diploma or GED
School transcripts
Pass aptitude test (math, reading)
Pass medical exam
Physically able to perform duties of the trade

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Int'l Union of Elevator Constructors #126
707 Alakea Street, Room 314
Honolulu, HI 96813

Phone: 536-8653
Fax: 537-3779

MISC. INFO: For more information see:
<http://iuec.org/>
For military veterans, also see:
<http://helmetstohardhats.org/>

UNION FIRE SPRINKLER FITTER

Fire sprinkler fitters install fire protection systems. Installations of these life safety systems vary in application and types of systems. Work is performed in residential, new construction of buildings or within existing structures. Most jobs require working at heights on ladders and/or lifts. Some work is also performed on underground fire mains inside excavated trenches. Fire Sprinkler Fitters install systems such as foam, carbon dioxide, halon, auxiliary, water mist suppression, wet pipe, dry pipe, and preaction/deluge. They measure, cut, thread, weld, braze, solder, glue and fabricate piping systems to be installed on job sites. Fire Sprinkler Fitters read and interpret drawings, specifications and fire codes to determine layout requirements for pipe in spaces and ceilings.

Apprenticeship Program requires satisfactory completion of **10,000 hours** of work experience in the trade 5 years, 10 semesters of related and hands-on instructions (108 hours per semester).

MIN. REQMTS: Age 17+
High school diploma or GED
School transcripts
Pass placement evaluation with minimum score of 70%
Driver's license

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Plumbers/Pipefitters Training Office
720 Iwilei Road, Suite 222
Honolulu, HI 96817

Phone: 456-0585
Fax: 456-7131

MISC. INFO: For more information see:
<http://www.ua.org/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>



UNION PLUMBER

Plumbers design, install, repair and maintain piping systems such as soil, waste, vent, potable water, grey water, reclaimed wastewater, gas systems (medical, propane and natural) in residential, commercial, industrial buildings and at utility sites. Plumbing tasks require the ability to assemble, install, maintain and repair pipes, fixtures, appurtenances and heating appliances, as well as sanitary and storm drainage systems. A plumber requires analytical and problem solving skills to make the correct decisions in the installation and repair of plumbing systems. The protection of public health, safety and welfare is a plumber's primary responsibility.

Apprenticeship Program requires satisfactory completion of **10,000 hours** of work experience in compliance with the Uniform Plumbing Code (UPC) and 5 years, 10 semesters of related and hands-on instruction (108 hours per semester). Plumber's state license required to complete the program.

MIN. REQMTS: Age 17+
High school diploma or GED
School Transcripts
Pass placement evaluation with a minimum score of 70%
Driver's license

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Plumbers/Pipefitters Training Office
720 Iwilei Road, Suite 222
Honolulu, HI 96817

Phone: 456-0585
Fax: 456-7131

MISC. INFO: For more information see:
<http://www.ua.org/>
For military veterans, also see:
<http://helmetstohardhats.org/>



NON-UNION

PLUMBER



Plumbers assemble, install, and repair plumbing systems and fixtures in homes, factories, and other buildings. They study building plans to determine the sequence of installations. They cut and thread pipes, assemble and install valves, pipes, and pipe fittings. They install and repair plumbing fixtures such as sinks, bath tubs, water heaters, toilets, and faucets; and test the systems for leaks. Plumbers use wrenches, drills, hydraulic pipe benders, acetylene torches, and welding and soldering equipment.

Apprenticeship Program requires satisfactory completion of **10,000 hours** of work and industry related study.

MIN. REQMTS: Age 18+
Full-time employee of a member company for a period of not less than six continuous weeks
Legally able to work
Physically able to perform duties of the trade
Pass physical examination if required by Committee

RECRUITMENT: Sponsored by member employer

CONTACT: Associated Builders & Contractors, Inc.
1375 Dillingham Blvd., #200
Honolulu, HI 96817

Phone: 845-4887
Fax: 847-7876

MISC. INFO: For more information see:
<http://abchawaii.org/>, click on "Apprentice Program".

UNION

FLOOR LAYER



Floor layers install and replace resilient tile, linoleum, and vinyl sheets, and carpeting on floors. They inspect, clean, and smooth floors to be covered. Following verbal instructions or blueprints, they measure and mark off the floors. They spread adhesive cement on the floor and measure, cut, fit and set the material into place. Floor layers roll and smooth resilient flooring to ensure proper adhesion. They use knives, shears, hammers carpet stretchers, floor rollers and other tools.

Apprenticeship Program requires satisfactory completion of **8,000 hours** of on-the-job training and **480 hours** of industry related study.

MIN. REQMTS: Age 18+
Driver's license
Distinguish colors
High school diploma or equivalent
Physically able to perform duties

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Carpet, Linoleum & Soft Tile Layers
Local 1926, D.C. 50
2240 Young Street
Honolulu, HI 96826

Phone: 942-3988
Fax: 946-6667

MISC. INFO: Work involves ability to work on hands and knees.

For more information see:
<http://www.iupat.org/>
For military veterans, also see
<http://www.helmetstohardhats.org/>

UNION

GLAZIER



Glaziers cut, fabricate, install glass and architectural aluminum in windows, doors for interior of commercial store fronts, glass curtain walls in high-rise offices and condominiums. They install custom automatic doors and skylights in buildings. They also cut and install mirrors for commercial and residential buildings. They install mirror wardrobe and shower doors and tub enclosure in homes. Glaziers use special power and hand tools as well as power equipment in the shop and on construction projects. During installation glaziers use wire clips, rubber gaskets, metal or wood moldings, putty and caulking. They also apply specialized caulking compounds to seal joints to stop water penetration and improve appearance of frames.

Apprenticeship Program requires satisfactory completion of **10,000 hours** of work and industry related study.

MIN. REQMTS: Age 18+
High school diploma or GED
Driver's license
Physically able to perform duties of the trade

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

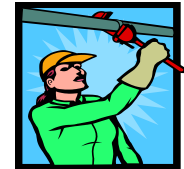
CONTACT: Glaziers, Architectural Metal & Glass
Workers Apprentice and Training
2240 Young Street
Honolulu, HI 96826

Phone: 942-3988
Fax: 946-6667

MISC. INFO: For more information see:
<http://www.iupat.org>
For military veterans, also see:
<http://www.helmetstohardhats.org/>

UNION

PLASTERER



Plasterers finish interior walls and ceilings with plaster coatings and exterior surfaces of buildings with cement plaster or stucco. They make ornamental designs in plaster. They mix the plaster to the desired consistency and spread it over the base with a trowel. They smooth the plaster with derbies and floats to obtain uniform thickness. Plasterers usually apply three coatings. They rough the undercoat so succeeding layers will bond more readily. They may use spray machines to apply plaster.

Apprenticeship Program requires satisfactory completion of **8,000 hours** of work and industry related study.

MIN. REQMTS: Age 16+
Physically able to perform duties of the trade

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Masons Training Office
1188 Sand Island Parkway
Honolulu, HI 96819

Phone: 848-0565
Fax: 847-7068

MISC. INFO: For more information see:
<http://www.opcmia.org/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>

UNION

PAINTER



Painters apply paint, varnish, stain and other finishes to interior and exterior surfaces of buildings and other structures for protection and decoration. They remove old paint with scrapers, wire brushes, and blowtorches, and smooth surfaces with sandpaper or steel wool. They fill holes and cracks with putty, and apply undercoating or primer before painting the finish coats. They use rollers, spray guns, and brushes to apply paint. Painters also erect scaffolding when working on tall structures.

Apprenticeship Program requires satisfactory completion of **8,000 hours** of work and industry related study.

MIN. REQMTS: Age 18+
High school diploma or GED
Driver's license
Physically able to perform duties of the trade
Pass color-code vision test
Pass entry level test of math and vocabulary

CONTACT: Painters Union, Local 1791
2240 Young Street
Honolulu, HI 96826

Phone: 947-6606
Fax: 942-0195

MISC. INFO: For more information see:
<http://www.dc50.org/> and
<http://www.iupat.org/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>

UNION

HEAT AND FROST INSULATORS

Heat & Frost Asbestos Insulators apply insulating material to equipment such as pipes, boilers, and furnaces, and to building surfaces to retain or exclude heat and to absorb sound. They use asbestos, cork, felt, fiberglass, and magnesia as insulating materials. They may paste, wire, tape, or spray insulation to the appropriate surface. On flat surfaces, they insert studs and attach wire mesh to form a base for the insulating material. They use trowels, brushes, scissors, stapling guns, power saws and compressors.

Apprenticeship Program requires satisfactory completion of **8,000 hours** of work and industry related study.

MIN. REQMTS: Age 18 +
High school diploma or GED
Physically able to perform duties of the trade

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Heat & Frost Insulators & Allied
Workers, Local 132

1019 Lauia Street, Bay 4
Kapolei, HI 96707

Phone: 521-6405
Fax: 523-9861

MISC. INFO: For more information see:
<http://www.insulators.org/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>



UNION

IRONWORKER (FABRICATOR)



Fabricating ironworkers make and assemble structural metal products for buildings and bridges and framework for machinery, ovens, tanks, stairways, stacks, and ornamental railings. Following job orders or blueprints, they layout and plan the sequence of operations. They operate metal fabricating machines such as shears, punch presses, drills, treading machines, and rolls to cut, bend, and shape metal. They align, fit, tack, and weld metal parts together.

Apprenticeship Program requires satisfactory completion of **8,000 hours** of work and industry related study.

MIN. REQMTS: Age 18+
High school diploma or GED
Physically able to perform duties of the trade
Must be sponsored by employer who is signatory to the Shopmen's Local 803 collective bargaining agreement

RECRUITMENT: Sponsored by member company

CONTACT: Ironworkers Union, Local 803
94-497 Ukee Street
Waipahu, HI 96797

Phone: 671-4344
Fax: 676-1144

MISC. INFO: For more information see:
<http://www.ironworkers.org/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>

NON-UNION

PAINTER



Painters apply paint, varnish, stain and other finishes to interior and exterior surfaces of buildings and other structures for protection and decoration. They remove old paint with scrapers, wire brushes, power tools and sandblasters, and smooth surfaces with sandpaper or steel wool. They fill holes and cracks with putty, and apply undercoating or primer before painting the finish coats. They use rollers, spray guns, and brushes to apply paint. Painters also erect scaffolding when working on tall structures.

Apprenticeship Program requires satisfactory completion of **8,000 hours** of work and industry related study.

MIN. REQMTS: Age 16+
Physically fit to perform duties of the trade
Must not be color blind

CONTACT: **Color Dynamics, Inc.**
816 Gulick Avenue
Honolulu, HI 96819

Phone: 848-7000
Fax: 842-0800

Kawika's Painting
2147 Eluwene Street
Honolulu, HI 96819

Phone: 848-0003
Fax: 842-1908

NON-UNION PAINTER

Painters apply paint, varnish, stain and other finishes to interior and exterior surfaces of buildings and other structures for protection and decoration. They remove old paint with scrapers, wire brushes, and blowtorches; and smooth surfaces with sandpaper or steel wool. They fill holes and cracks with putty, and apply undercoating or primer before painting the finish coats. They use rollers, spray guns, and brushes to apply paint. Painters also erect scaffolding when working on tall structures.

Apprenticeship Program requires satisfactory completion of **8,000 hours** of work and industry related study.

MIN. REQMTS: Age 18+
Full-time employee of a member company for a period of not less than six continuous weeks
Legally able to work
Physically able to perform duties of the trade
Pass physical examination if required by Committee

RECRUITMENT: Sponsored by member organization

CONTACT: Associated Builders & Contractors, Inc.
1375 Dillingham Blvd., #200
Honolulu, HI 96817

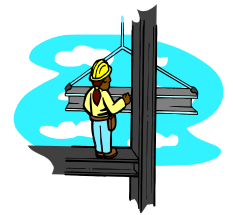
Phone: 845-4887
Fax: 847-7876

MISC. INFO: For more information see:
<http://abchawaii.org/>, click on "Apprentice Program".



UNION

IRONWORKER (REINFORCING)



Reinforcing Ironworkers position and secure steel rods or bars in concrete forms for reinforcement in bridges, buildings, and other structures. Following blueprints or other instructions, they determine the number, sizes, shapes, and locations of the reinforcing rods. They use steel pliers and other tying tools to secure the rods. They cut and bend the rods to required lengths with hacksaws, bar cutters, acetylene torches, and bending machines. They also reinforce concrete surfaces with coarse wire mesh.

Apprenticeship Program requires satisfactory completion of **6,000 hours** of work and industry related study.

MIN. REQMTS: Age 16+
Physically able to perform duties of the trade

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

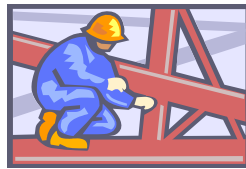
CONTACT: Ironworkers Union, Local 625
94-497 Ukee Street
Waipahu, HI 96797

Phone: 671-8225
Fax: 676-1144

MISC. INFO: For more information see:
<http://www.ironworkers.org/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>

UNION

IRONWORKER (STRUCTURAL)



Structural ironworkers erect steel frameworks for buildings, bridges, floor decking, and other structures. They guide, place, and join girders, columns, and other structural members. They verify alignment of the members, and bolt, rivet, or weld them for final fastening. They use winches, hoists, and jacks to position members and air hammers and welding equipment to join members.

Apprenticeship Program requires satisfactory completion of **6,000 hours** of work and industry related study.

MIN. REQMTS: Age 16+
Physically able to perform duties of the trade

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Ironworkers Union, Local 625
94-497 Ukee Street
Waipahu, HI 96797

Phone: 671-8225
Fax: 676-1144

MISC. INFO: For more information see:
<http://www.ironworkers.org/>
For military veterans, also see:
<http://www.helmetstohardhats.org/>

UNION OPERATING ENGINEER

Construction Equipment Operators (CEO) run a variety of construction equipment to excavate and grade earth; erect structural and reinforcing steel; pour concrete; and control air and water output. They operate bulldozers, cranes, excavators, paving machines, loaders, tractors, compressors, and other construction machinery. They may lubricate their machines and may make minor repairs and adjustments. Because the skills and training vary, operating engineers are usually classified by the type or the capacity of the machines they operate.

Heavy Duty Repairers and Welders (HDR) are trouble shooters who keep the construction equipment in constant operation. While in the shop, they do minor and major repairs on the equipment.

Apprenticeship Program requires satisfactory completion of industry related study and:

Construction Equipment Operator - **6,000 hrs.** of work
Heavy Duty Repairer & Welder - **8,000 hrs.** of work
Truck Operator & Driver - **2,000 hrs.** of work
Paving Equipment Operator - **4,000 hrs.** of work

MIN. REQMTS: Age 18+
High School diploma or GED or C-based test
Physically able to perform duties of the trade
School Transcripts
Driver's License
Current State DOT PUC physical
Ranked on general knowledge and hands-on test
Have reliable transportation

RECRUITMENT: By Joint Apprenticeship Committee
Watch for announcements

CONTACT: Operating Engineers, Local Union 3
Kahuku Training Facility
P.O. Box 428
Kahuku, HI 96731-0428

Phone: 232-2001
Fax: 232-2217

MISC. INFO: For more information see:
<http://oe3.org/training/>
For military veterans, also see
<http://helmetstohardhats.org/>

