

# QUALITY UNION TRAINING



## CONNECTICUT BUILDING CONSTRUCTION TRADES APPRENTICESHIP PROGRAMS

[www.jatdcc.org](http://www.jatdcc.org)

# JOINT APPRENTICESHIP TRAINING DIRECTORS COMMITTEE OF CONNECTICUT

## What is the Joint Apprenticeship Training Directors Committee of Connecticut?

The Joint Apprenticeship Training Directors Committee of Connecticut (also known as JATDCC) was formed in 1963. The membership consists of administrators and/or training coordinators of apprenticeship training programs registered with the State of Connecticut and associate members who have an interest in apprenticeship such as community college administrators, government agencies such as the U.S. Department of Labor, Bureau of Apprenticeship and Training, the Connecticut Department of Education and persons from other private and public agencies.

The purpose of JATDCC is to provide a medium for the exchange of ideas, methods and information relative to apprenticeship training, journeyman training and other areas of training as required by industry. The association also promotes and educates the community about the value and benefits of a career through apprenticeship.

## What are the benefits of a JATDCC apprenticeship program?

Apprenticeship presents an opportunity to learn a skilled trade by on-the-job paid training plus college credit related classroom training. The JATDCC programs are registered and monitored by the State of Connecticut for competency and all registered programs meet minimum U.S. Department of Labor Standards. Upon completion, each apprentice receives a certificate of completion from the State of Connecticut.

### Additional benefits to a JATDCC apprenticeship program are:

- Excellent wage rates with guaranteed scheduled increases
- Paid health & pension benefits
- State of the art training
- Safe working conditions
- College credit coursework
- National skill certification (upon completion)
- Continuous education
- Non-traditional training for women, support & mentoring for retention.

Today's apprentices will become the journeymen, supervisors, contractors, estimators, superintendents, and teachers of tomorrow's workforce.



# Connecticut Department of Labor

## Apprenticeship System Overview

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Apprenticeship programs in the State of Connecticut are administered by the Department of Labor, Office of Apprenticeship Training. Skilled consultants provide technical assistance, monitoring, and consulting services to qualified employers willing to take on the responsibilities and obligations of program sponsorship.

Apprenticeship, in simple terms, is a program of "learning while earning." Unlike other vocational training, which is held in a school setting, apprenticeship is based solidly on an employer-employee relationship. The apprentice employee has voluntarily entered into a mutual agreement with an employer regarding training. It can thus be perceived that employment and training are interrelated. Apprenticeship can be seen as part of the "conditions of work."

Apprenticeable areas are in occupations requiring a wide and diverse range of skills and knowledge, as well as a high level of maturity, reliability, and judgment. Additionally, they are clearly identified and commonly recognized as separate and distinct trades requiring broad skills applicable throughout the industry. To paraphrase an old cliché, we are talking about "the Butcher, the Baker, the Tool and Die Maker." In the apprenticeship system, proficiency in the job is known as "journeyman status." A journeyman has well-rounded ability in all phases of each trade and requires a minimum of supervision. For the most part, the day-to-day training of an apprentice rests upon the journeyman who in turn conducts training under guidelines set forth by the employer. These guidelines conform with State and Federal standards.

For further information, please contact the Office of Apprenticeship Training at 860-263-6085 or visit our website at [www.ctapprenticeship.com](http://www.ctapprenticeship.com).

## **International Association of Bridge, Structural, Ornamental and Reinforcing Iron Workers**

Members of the Iron Workers assemble and erect steel framework and other metal parts in buildings and on bridges, dams, skyscrapers, factories and other steel structures. They raise, place and join steel girders and columns to form structural frameworks, including the welding for metal decking.



## **International Brotherhood of Electrical Workers**

The IBEW represents workers in the electrical industry including construction, gas and electric utilities, telecommunications, railroads and government agencies. Construction and residential electricians work in all phases of the electrical construction and service industry. Their worksites range from single-family residences to state-of-the-art industrial plants. Inside wire workers may install and maintain conduits, switches and converters, as well as wire lighting, to complex systems incorporating computerization and high technology. Electricians work in the electric sign industry and increasingly perform more work in the installation of fiber optics and voice/data/video equipment.



## **International Union of Bricklayers and Allied Craftworkers**

BAC represents all skilled trowel trades workers, including bricklayers, tile setters, plasterers, cement masons, marble masons, restoration workers, and terrazzo and mosaic workers. Their work can be seen on many buildings, homes, stadiums, monuments and landmarks throughout the United States and Canada.



BAC craftworkers routinely demonstrate their talents at trade shows, Union Industries Shows, and apprentice contests. Members belong to roughly 155 Locals in the United States and Canada.

## **International Union of Operating Engineers**

The International Union of Operating Engineers (IUOE) is a progressive, diversified trade union that primarily represents operating engineers, who work as heavy equipment operators, mechanics, and surveyors in the construction industry, and stationary engineers, who work in operations and maintenance in building and industrial complexes, and in the service industries. IUOE also represents nurses and other health industry workers, a significant number of public employees engaged in a wide variety of occupations, as well as a number of job classifications in the petrochemical industry.



## **International Union of Painters and Allied Trades**

IUPAT members work in one or more of several crafts: painting, wallpaper hanging, glazing (glass work), drywall and taping, floor covering, and sign and display work.

Painters and paperhangers work in industrial, commercial and residential settings, from bridges and ships to interior walls of office buildings and homes. Drywall finishers tape, fill in and smooth seams in sheets of drywall. Glaziers prepare and install various kinds of glass, mirrors, metal framing and doors/entrances to buildings. Floor coverers work with resilient floors, as well as carpet and decorative coverings. Exterior sign and display work, like billboards, is another choice. Other types of work are convention display and show decorators.



## Laborers' International Union of North America

LIUNA—the Laborers' International Union of North America—is the most progressive, aggressive and fastest-growing union of construction workers, and one of the most diverse and effective unions representing public service employees.



LIUNA members are on the forefront of the construction industry – a sector that is a powerhouse of 12 million workers producing 5 percent of our countries' economic output.

## Sheet Metal Workers' International Association

SMWIA members work in several industries. Sheet metal workers fabricate, install and service heating, venting, and air conditioning systems; blowpipe and industrial systems; metal roofing; coping and flashing; and stainless steel work for restaurants, kitchens and hospitals. They prepare shop and field drawings manually and with computer programs. Members also provide HVAC/R service.



## United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada

UA is a multi-craft union that represents plumbers and pipe, sprinkler, and refrigerator fitters, as well as service technicians. All of these jobs require the installation, remodeling or maintenance of systems that carry water, steam, air and other liquids or gases necessary for sanitation, industrial production, heating and air conditioning, and many other uses. Workers measure, cut, and bend pipe, as well as weld, braze, caulk, solder, glue or thread joints at residential and commercial job sites.



## United Brotherhood of Carpenters

The United Brotherhood of Carpenters is North America's largest building-trades union, with more than a half-million members in the construction and wood-products industries.

Its missions—recruiting new members and training all members—build on the union's nearly 130-year history of improving lives through hard work, education, and solidarity. We recognize that for the union to remain strong, our signatory contractors need to succeed in today's highly competitive marketplace. They do that with workers committed to safety, productivity, and the proud legacy of our Brotherhood.



## United Union of Roofers, Waterproofers and Allied Workers

Members of the Roofers union install new roofs and remove old roofs using a variety of materials. Roofers install hot built-up and single-ply roofing systems on mostly commercial/industrial structures. Waterproofers install moisture-resistant products on below-grade structures and other surfaces to prevent water intrusion into buildings. The work is performed in all weather conditions. Members also operate a variety of mechanical and electrical equipment associated with the installation of roofing and waterproofing products.



# Apprenticeship – THE OTHER 4-YEAR DEGREE

WHAT EVERY GOVERNMENT OFFICIAL SHOULD KNOW

*Apprenticeship is a proven training strategy that improves the skills of our workforce and enhances the efficiency and productivity of our industries. Investment in the registered apprenticeship system is a wise use of government dollars, and pays for itself many times over. As the nation faces a critical shortage of skilled workers, expanding apprenticeship opportunities offers an effective approach to meet the needs of industry and our citizens in search of high-quality training and good jobs.*

## What is Registered Apprenticeship?

**Registered apprenticeship combines on-the-job training with related classroom instruction to prepare highly skilled workers for American industry.** Apprenticeship, a proven training strategy that prepares skilled workers, helps America compete more effectively in the global economy, and contributes to our economic development, sustained economic growth and national security.

## Who Does Registered Apprenticeship Serve?

Nationwide, 80,000 industries and companies offer registered apprenticeship training to more than 395,000 apprentices. **In Connecticut alone, more than 1,700 employers and labor/ management committees employ over 5,500 apprentices in registered apprenticeship programs.** These training programs serve a diverse population, including minorities, women, youths and dislocated workers. Currently, approximately 80% of all apprenticeship training positions are in the construction and manufacturing industries. Experts agree, however, that apprenticeship has the potential to benefit numerous other industries, as well, including the service, retail, and the public sector. With this in mind, the possibilities for expanding apprenticeship -- and meeting the needs of many more American companies and citizens in search of high quality training opportunities -- are virtually unlimited.

## Who Operates and Pays for Apprenticeship Training?

Registered apprenticeship programs are operated by private industry - employer or labor/management sponsors. **Program sponsors pay virtually all training costs as well as progressively increasing wages to their apprentices.** Registered apprenticeship programs range from one to six or more years in length. For the apprentice, this translates into an "industry scholarship" worth \$40,000 to \$150,000. Since the content of the training program is determined by industry needs, apprenticeship produces workers with high demand skills.

## What Role Does Government Play in Apprenticeship?

As a result of the Federal Apprenticeship Act of 1937, the federal government (specifically the U.S. Department of Labor's Office of Apprenticeship Training, in cooperation with the states) oversees the nation's apprenticeship system. **The Connecticut Department of Labor's Office of Apprenticeship Training is responsible for registering apprenticeship programs that meet federal and state standards.** The agency issues Certificates of Completion to apprentices, encourages the development of new programs through marketing and technical assistance, protects the safety and welfare of apprentices, and ensures that all programs provide high-quality training to apprentices.

## What is Government's Return on Investment for Apprenticeship?

The government's return clearly outperforms other types of government-sponsored job training programs. Apprentices "earn as they learn," and wages paid totally by the private sector begin as soon as the apprentice enters training. **Additionally, because apprentices pay income taxes on their wages, if all 5,500 Connecticut apprentices earn an average starting annual income of \$20,800, this generates more than \$4 million in state and \$20 million in federal tax revenues.**



# BRICKLAYER

## What does a Bricklayer do?

A Bricklayer is a skilled craftsworker who using his talents and training puts masonry units (brick, block, stone, marble and granite) in place to create efficient, long lasting, and beautiful structures. Some structures include but are not limited to commercial and residential buildings, schools, fireplaces and chimneys, garden walls, sidewalks and patios, and interior partitions.

Our allied crafts include stonemason, marble setter & finisher, tile setter & finisher, cement mason, terrazzo worker & finisher, restoration (PCC), and plasterer.

## Working conditions

A Bricklayer's work consists of lifting masonry materials such as brick, block, and stone while using a variety of tools associated with the trade. Work can be very strenuous and requires both good physical condition, and strength.

Work is performed at various sites throughout our local region and bordering states. While masonry products are used both on the interior and exterior of buildings, weather conditions can play an important role and inhibit work.

Bricklayers will find themselves working on various projects and at different heights using a supported scaffold as a workstation.

## What are the Programs specifics?

Length of Program:	3 to 4 years (6000 on the job training hours)
Related Training:	160 hours per year
Starting pay:	60% of Journeyworker's rate with pay increases every 750 hours
Fringe Benefits:	Health Insurance, Pension, Annuity and Training

# BRICKLAYER

## What do I need to apply?

All applicants must be at least 18 years of age  
High School Diploma or GED equivalency required  
Physically capable of performing the essential functions  
Must have driver's license and transportation

## Where do I apply?

Local #1 CT – JATC  
International Masonry Institute  
17B North Plains Industrial Road  
Wallingford, CT 06492

Apprentice Coordinator: Anthony Pacific  
Secretary: Nichola Lynch

Phone: (203)-679-0572  
Fax: (203)-679-0666  
Hours: 8:00 a.m. – 4:30 p.m.

Website: [www.imiweb.org](http://www.imiweb.org)  
Email: [apacific3@gmail.com](mailto:apacific3@gmail.com)

## Bricklayers Local Union Office:

International Union of Bricklayers and Allied Craftworkers  
Local #1 CT – Gerald Marotti / President  
17A North Plains Industrial Road  
Wallingford, CT 06492  
(203) 697-0820



# CARPENTERS

## What does a Carpenter do?

Just about every building in your community was at least in part, built by skilled carpenters. Carpenters work with hand and power tools and utilize a variety of materials. They build forms for concrete construction for foundations, bridges, tunnels, Etc. They build wood framed structures including houses, roofs, decks and sheathing. Carpenters install doors, windows, storefronts, and fixtures. They build cabinets, countertops and finished handrails. They also do metal framing, insulation, drywall and acoustical ceilings.

Carpenters do interior and exterior finish work and utilize skills such as blueprint reading, transit level and laser operations, welding, rigging and scaffold erecting. Carpenters are involved in new construction as well as remodeling projects.

Other specialties within the Carpenters Union include Floor Covering, Mill Cabinet Shops, Millwright work and Pile Driving.

## Working conditions

Carpentry work is very physical and involves a good deal of standing, climbing, kneeling lifting and bending. Work is done both indoors and outdoors, depending on the stage and nature of the construction and the type of work being performed. Work conditions vary with each job. Job site locations and conditions may change numerous times during the year. One day you may be inside where it is warm and dry and the next day you may be outside where it is cold and wet. You could be working 100 feet below ground or 10 stories above the ground. You may need to travel outside your local area to get to the job site.

You must be in good health, meet certain strength requirements, be agile and have good hand-eye coordination. Some jobs are quite strenuous while other such as trim work are less demanding physically but require more accuracy and precision.

## What are the Programs specifics?

<b>Length of Program -</b>	8000 hours (8 – 1000 hour periods)
<b>Related Training -</b>	144 hours per year
<b>Starting pay -</b>	50% of journeyman rate (higher with credit for experience)
<b>Fringe Benefits-</b>	Health Insurance, Pension, Annuity and Training

# CARPENTERS

## What do I need to apply?

Applicants must be 18 years of age or older  
High school diploma or G.E.D. required  
Be physically able to perform construction work  
Complete a placement test and application

## Where do I apply?

Connecticut Carpenters Apprenticeship & Training Fund  
500 Main St.  
Yalesville, CT 06492

**Phone:** 203-284-1362  
**Toll Free:** 877-999-5088  
**Fax:** 203-265-5279  
**Email:** [RChrist@snet.net](mailto:RChrist@snet.net)  
**Hours:** 7:00 a.m. – 3:30 p.m.

**Apprenticeship Coordinator:** Richard Christ  
**Administrative Assistant:** Sandi Mizenko

### Carpenters Local Union Offices:

Local #24 Charles Appleby, Pres.  
500 Main St.  
Yalesville, CT 06492 203-265-6242

Local #24 – New London Office  
597 Broad St.  
New London, CT 06320 860-442-6655

Local #43 George Meadows, Pres.  
885 Wethersfield Ave.  
Hartford, CT 06114 860-296-8564

Local #210 Glenn Marshall, Pres.  
427 Stillson Rd.  
Fairfield, CT 06824 203-846-2003

### **Websites:**

Connecticut Carpenters Training: [www.ctcarpenters.net](http://www.ctcarpenters.net)  
New England Regional Council: [www.nercc.org](http://www.nercc.org)  
United Brotherhood of Carpenters: [www.carpenters.org](http://www.carpenters.org)

# DRYWALL FINISHER

## What does a Drywall Finisher do?

The Drywall Finisher finishes gypsum wallboard surfaces by taping, spotting, pointing, filling, finishing, and sanding joints, angles, internal and external corners, and all field surfaces. Skill is required in the use of hand filling and machine tool methods for both preparation and application techniques. As such, the Drywall Finisher shall be familiar with all aspects of the trade including: the tools, materials, procedures, environmental conditions on the job site as well as the regulations and standards of the various authorities having jurisdiction. A skilled Drywall Finisher will be organized and capable of working independently. The Drywall Finisher shall possess a recognized certificate of trade qualification, certificates of apprenticeship as required, and have completed an approved training course, as well the Drywall Finisher shall have the minimum acceptable level of education as required by the industry. Safety is stressed in all aspects of the drywall finishing trade. Physical and health hazards include the dangers of toxic poisoning from paint and related material fumes and dusts and falls from elevated work platforms or ladders. The Drywall Finisher will also be familiar with the regulations and standards, which outline those requirements. The Drywall Finisher should be physically fit to perform the tasks required by the trade, and capable of taking detailed instruction on the job site.

## Working conditions

The work can require considerable lifting (up to 75 lbs.), standing and bending. Work may require one to work in tight close quarters, other times one needs to work off of ladders or other styles of aerial equipment at great heights to complete tasks. The use of a respirator may be required when sanding or coating.

## What are the Programs specifics?

Length of program – 3 Years

6000 Hours of on-the-job training

Over 432 Hours of related classroom instructions

Starting pay 50% of journeyman rate with increases after completing required on-the-job training hours and related classroom hours.

## What do I need to apply?

High School diploma or GED

Drivers License and Transportation

Must be at least 18 years old

General math, algebra, geometry.

General knowledge of Blueprint

reading helpful.

## Where do I apply?

**Thursdays 9:00 am to 3:00 pm**

International Union of Painters and Allied Trades

District Council 11

Finishing Trades Institute of Southern New England Inc.

1492 Berlin Turnpike

Berlin, CT 06037

Tel. (860) 829-1225

Fax: (860) 829-9225

[www.iupatdc11.com](http://www.iupatdc11.com)

# **ELECTRICIAN – INSIDE WIREMAN**

## **What does an Electrician do?**

Construction electricians work in all phases of electrical construction and service industry. They perform electrical construction and service work ranging from small single-family dwellings to large-scale facilities. These facilities include retail shopping centers, hospitals, high-rise office and apartment buildings, state of the art schools and universities, manufacturing plants, bio-medical laboratories, chemical plants and nuclear power plants. Electrical workers install conduits, wires and cables, plugs and switches, lighting and power distribution systems, emergency power systems and telecommunication systems. Telecommunications consist of voice, video and data installations. Electricians must be able to work from blueprints, layouts, assemble, repair, test and troubleshoot all electrical and electronic systems. They must be able to work well with other craftsman while following all safe work practices and following all of the national electrical codes required for a safe and quality installation.

## **Working conditions**

This type of work is done in full range of environmental conditions to include outside in dirt, cold, sun, rain and snow; inside in climate-controlled modern offices and industrial manufacturing plants. The work can require considerable lifting, kneeling, pulling of long lengths of cables, reaching and working overhead for long periods of time. Work may require one to work in tight close quarters, ditches, manholes and other confined spaces. Other times one need to work off of ladders or other styles of aerial equipment at great heights to complete tasks.

## **What are the Programs specifics?**

Length of program – 5 Years

8000 Hours of on-the-job training

Over 1000 Hours of related classroom instructions

Eligible to receive college credits

Starting pay 40% to 50% of journeyman rate with increases after completing required on-the-job training hours and related classroom hours.

## **What do I need to apply?**

Must be at least 18 years old

High school graduate or GED

Must have one year of algebra with a passing grade

Submit an official copy of a high school transcript

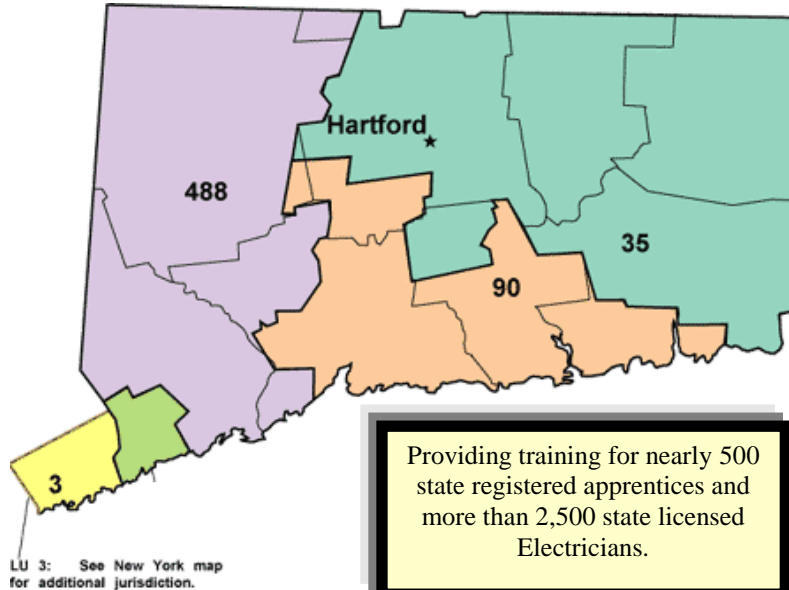
Pass a validated aptitude test

Complete an oral interview

# Where do I apply?

**CHRISTOPHER BROWN**  
JATC DIRECTOR Hartford  
Electricians JATC  
IBEW LOCAL 35  
208 Murphy Road  
Hartford, CT 06114  
860-525-5982 Phone  
860-278-4373 Fax  
[cdifazio@ibewlocal35.org](mailto:cdifazio@ibewlocal35.org)

**PAUL COSTELLO**  
JATC DIRECTOR  
NECA & Local 90 JATC  
IBEW LOCAL 90  
2 N. Plains Industrial Rd  
Wallingford, CT 06492  
203-265-3820 Phone  
203-265-6875 Fax  
[pcostello@jtc90.org](mailto:pcostello@jtc90.org)  
[www.jtc90.org](http://www.jtc90.org)



**THOMAS SPORTINI**  
JATC DIRECTOR  
Local Union 488  
IBEW – NECA JATC  
IBEW LOCAL 488  
501 Main Street  
Monroe, CT 06468  
203-452-7679 Phone  
203-459-2553 Fax  
[jatc488@yahoo.com](mailto:jatc488@yahoo.com)

**DAN MECCA**  
JATC DIRECTOR  
Westchester-Fairfield  
Electrical Apprenticeship  
Training

200 Bloomingdale Road  
White Plains, NY 10605  
914-946-0472 Phone  
914-683-1892 Fax  
[cdepalma@wfjatc.com](mailto:cdepalma@wfjatc.com)

## Websites:

International Brotherhood of Electrical Workers: [www.ibew.org](http://www.ibew.org)  
IBEW Local 35: [www.ibew35.org](http://www.ibew35.org)  
IBEW Local 90: [www.ibewlocal90.org](http://www.ibewlocal90.org)  
IBEW Local 488 [www.ibewlocal488.org](http://www.ibewlocal488.org)  
National Electrical Contractors Association: [www.necanet.org](http://www.necanet.org)  
Connecticut Chapter of NECA: [www.necact.org](http://www.necact.org)

# GLAZIERS

## What does a Glazier do?

Glaziers fabricate and install Architectural metal used in storefronts, mid and high-rise buildings, which includes anchoring by welding and sealant application of metal systems supplied by many metal manufacturers. Glaziers cut, fabricate and install all types of glass and plastic products. Glaziers load and unload, by hand as well as with cranes and other devices, vehicles used for delivery of trade related equipment. Glaziers read and interpret blueprints, and must be able to read and understand technical literature.

## Working conditions

This type of work is done in full range of environmental conditions to include outside. The work can require considerable lifting (maximum 75 lbs.); walking, bending, lifting, crouching, climbing, kneeling and standing for long periods of time. Glaziers also use hoists and/or cranes and move heavy material with various dollies and trucks.

## What are the Programs specifics?

Length of program – 4 Years  
8000 Hours of on-the-job training  
Over 576 Hours of related classroom instructions

## What do I need to apply?

Must be at least 18 years old  
Algebra, geometry, blueprint reading  
Drafting, metal shop recommended.  
High School diploma or GED  
Drivers License and Transportation

## Where do I apply?

Thursdays 9:00 am to 3:00 pm  
International Union of Painters and Allied Trades  
District Council 11  
Finishing Trades Institute of Southern New England Inc.  
1492 Berlin Turnpike  
Berlin, CT 06037  
Tel. (860) 829-1225  
Fax (860) 829-9225  
[www.iupatdc11.com](http://www.iupatdc11.com)



# IRON WORKER

## What does an Ironworker do?

Ironworkers are highly skilled workers who erect, assemble or install fabricated structural metal products, usually large metal beams. Ironworkers also erect the steel framework on bridges, storage tanks and overhead crane runways that support heavy equipment, Erecting pre-cast concrete, ornamental ironwork such as stairways, catwalks, gratings, grills, screen and siding on metal windows is another aspect of their work. Ironworkers do rigging work, which includes moving heavy machinery, pressure vessels, storage tanks and materials. Rod workers place reinforcement steel and steel mats in foundations, pads and forms before concrete is poured

## Working conditions

Work is done on high-rise buildings, bridges, highways, airports, sewage plants and foundations for commercial and industrial projects. It is very strenuous work. Work can also be confined to cramped quarters. In year round weather conditions Ironworkers often work at great heights and cannot be afraid. They must be keenly aware of the dangers to themselves and others. There are often periods of unemployment between jobs.

## What are the Programs specifics?

Length of program – 3 - 4 Years  
6000 to 8000 Hours of on-the-job training  
Classroom instructions two to three nights per week  
Eligible to receive college credits  
Starting pay 60% of journeyman rate with increases every 1500 hours

## What do I need to apply?

Must be at least 18 years old  
High school graduate or GED  
Submit an official copy of a high school transcript  
Complete an oral interview  
Be drug free

## Where do I apply?

Joe McGloin  
Apprenticeship Coordinator  
Northern District of CT Ironworkers Local 15  
20 Sargent Street  
Hartford, CT 06105  
860-246-7353 Phone  
860-246-6342 Fax  
Email: [jmgironworkers15@gmail.com](mailto:jmgironworkers15@gmail.com)  
[www.ironworkers.org](http://www.ironworkers.org)

John Jones  
Apprenticeship Coordinator Southern District  
of CT Ironworkers Local 424 15 Bernhard  
Road  
New Haven, CT 06473-3906  
203-562-4116 Phone  
203-787-5536 Fax  
Email: [Jjones@iron424.org](mailto:Jjones@iron424.org)  
[www.ironworkers.org](http://www.ironworkers.org)

# LABORER

## What does a Laborer do?

Laborers work on highway construction projects, doing clearing, grade checking, stake hopping, culvert installation, equipment signaling and traffic control. Laborers work on utility construction including excavation, shoring, pipe laying, manhole placement and construction, backfill, compaction, transferring of grades, and grade checking and measuring. In building construction and housing, laborers' work includes excavation, footings and foundations, carpenter tending, compaction, concrete placement, power and hand tools, general cleanup and mason tending (hod carrying) for bricklayers. Environmental laborers do asbestos removal, hazardous waste, and radiation cleanup.

## Working conditions

Laborers perform very physical work, digging, carrying, pulling and bending usually outside in all kinds of weather for long hours at times. They need to have reliable transportation and must be able to travel 70 – 80 miles from home to construction sites.

## What are the Programs specifics?

Length of program – 2 ½ - 3 Years

4000 Hours of on-the-job training

160 hours of classroom instructions per year 320 hours total

Starting pay 60% of journeyman rate with increases every 1000 hours

## What do I need to apply?

Must be at least 18 years old

Must have a current drivers license

Minimum of 12<sup>th</sup> grade education or GED

Copy of high school transcript

Complete an oral interview

Physically able to perform the work

Drug tested

## Where do I apply?

New England Laborers Training

37 East Street

Hopkinton, MA 01748

Phone (508) 544-9830

Fax (508) 544-9836

# OPERATING ENGINEER

## What does an Operating Engineer do?

Operating Engineers operate heavy construction equipment such as cranes, bulldozers, pavers, trench excavators and many other kinds of equipment used in constructing buildings, dams, airports and highways. They also work in the sand and gravel, cement and asphalt industries. Operating Engineer apprentices can also become heavy equipment mechanics working on diesel engines, transmission and electrical systems in state of the art equipment.

## Working conditions

The work is outdoors and can depend on the weather. Bad weather can shutdown jobs, generally the equipment is not operated in snow or heavy rain. The average operator may work between 1200 and 1500 hours per year depending upon their job skills.

## What are the Programs specifics?

Length of program – 4 Years  
6000 Hours of on-the-job training  
Classroom instructions on Saturdays  
Starting pay 60% of journeyman rate with increases every 1500 hours

## What do I need to apply?

Must be at least 18 years old  
Must have a current drivers license  
High school graduate or GED  
Complete an oral interview  
Complete a 6-week pre-apprenticeship program.  
Drug tested

## Where do I apply?

IUOE LOCAL 478  
240 Cheshire Road  
Meriden, CT 06451  
(203) 237-3962  
(800) 841-0478  
John Daddona Apprenticeship Coordinator  
Email: [John.Daddona@local478benefits.org](mailto:John.Daddona@local478benefits.org)  
Website Links:  
IUOE Local 478 [www.local478.org](http://www.local478.org)  
International Union [www.iuoe.org](http://www.iuoe.org)

# PAINTER & WALLCOVERER

## What does a Painter & Wallcoverer do?

The first priority of the Painter & Wallcoverer is to prepare the surface for the finishes to be applied. Some of the processes that are used are: wash, scrape, wire brush or sand the surface and, in some cases, use chemicals, electric scrapers, sandblasters or blow torches to remove old paint. It is the job of the applicator to sand any irregularities, fill cracks and holes, and remove excess dirt and grease. The Painter uses three major tools to apply paints and coatings: The spray gun, the roller, and the brush. The skilled Painter knows and uses what is best for each job. Although some Painters do all types of painting, most specialize in one type, such as: interior or exterior work, new construction, signs, remodeling, particular structures and buildings (apartments, homes, bridges, water tanks, and structural steel), special effects and decorative designs, metal surfaces, or transportation equipment. The Wallcoverer measures the surface he is to cover and cuts the covering to fit. Next he mixes the adhesive, applies it to the back of the strip of the covering, places the strip in correct position on the wall and smoothes it with a smoothing brush or knife. He is very careful to match the paper's pattern, making sure the design continues from strip to strip without a visible break. Painters & Wallcoverers may also estimate material, time and cost of each job, produce decorative designs, restore natural wood color by bleaching or refinishing, or apply special coatings.

## Working conditions

Painting is strenuous work, requiring much walking, standing, reaching, kneeling, stooping, climbing and carrying. Occupational hazards include falls from ladder or scaffolds, and skin or throat irritations from paint fumes and thinners. Exterior Painters lose some work time each year due to bad weather. Interior Painters who work primarily on new construction may lose work time during slowdowns in construction activity. Painters must have manual dexterity as well as steady nerves to work in high places. They should not be allergic to paint fumes, toxic materials, or spray dust. An artistic sense, good eyesight, and a sense of color are necessary to do a first class job.

## What are the Programs specifics?

Length of program –3 Years  
6000 Hours of on-the-job training

### What do I need to apply?

Must be at least 18 years old  
Drivers License and Transportation  
General Science, General Math  
High School diploma or GED  
Mechanical Drawing, Chemistry will help.  
General knowledge of Blueprint reading helpful.

### Where do I apply?

Thursdays 9:00 am to 3:00 pm  
International Union of Painters and Allied Trades  
District Council 11  
Finishing Trades Institute of Southern New England Inc.  
1492 Berlin Turnpike  
Berlin, CT 06037  
Tel. (860) 829-1225  
Fax: (860) 829-9225  
[www.iupatdc11.jatc.com](http://www.iupatdc11.jatc.com)

# PLUMBER & PIPEFITTER

## What does a Plumber & Pipefitter do?

Plumbers & Pipefitters are involved in all aspects of the Plumbing and Heating & Cooling industry. Our duties include but are not limited to the installation, maintenance and repair of plumbing fixtures and appliances. Heating and cooling equipment, refrigeration equipment, air conditioning equipment, medical gas & process piping, HVACR, Pipe Welding and all related piping systems.

## Working conditions

Apprentices and journeypersons who work in the construction industry are exposed to all the elements of the weather.

## What are the Programs specifics?

Apprentices are on a rotating class schedule. They attend class for a week at a time 7:45 AM to 3:30 Monday through Friday. They then work in the field for seven weeks and return to school the following week. There is no cost for training other than books. Apprentice pays are based on a percentage of journeyperson wages; first year rate is 45%, second year rate is 55%, third year rate is 65% four year rate is 75% and fifth year rate is 80%. In order to qualify for a raise on their anniversary date, apprentices must have a minimum of 1700 of on-the-job training for that year, must have passed all classes with a "C" or better average, must not owe any school time and must have all time sheets and evaluations in for that time period. Full medical benefits are extended to an apprentice after a probationary period. Local 777 members have 2 pension plans and an annuity plan. Apprentices will receive an annuity when they reach journeyperson status.

## What do I need to apply?

Applicants must be a minimum of 18 years olds at the time of acceptance  
Applicants must have either a high school, GED or High School Equivalency Diploma  
Applicants must have a valid drivers license

## Where do I apply?

Plumbers & Pipefitters Local 777 JATC  
450 Murdock Avenue, Meriden, CT 06450  
Phone 203-686-0700  
Fax 203-686-0711  
Email: [vvalente@local777.org](mailto:vvalente@local777.org)

Website Links:  
JATC [www.local777.com](http://www.local777.com)  
International Union [www.ua.org](http://www.ua.org)  
Management Assoc. [www.mcaa.org](http://www.mcaa.org)

# ROOFER & WATERPROOFER

## What does a Roofer do?

Roofer's waterproof and weatherproof buildings. They apply shingles made from fiberglass, slate, tile, and asphalt, gravel and cedar or composite material such as EPDM membrane. They also apply built-up rubber, PVC and modified bitumen. Roofers install new roofs and repair and remove old roofs using a variety of materials. The work is conducted on commercial, industrial and residential buildings.

## Working conditions

Roofers usually work outside on top of structures, but sometimes the work may be inside or below ground level. The work is physically demanding and requires heavy lifting, climbing, bending and squatting with a significant risk of injury due to falls. The work is performed in all weather conditions. It is often very hot. Persons interested in becoming a Roofer must have no fear of heights, a good sense of balance and be keenly aware of safety for themselves and their co-workers.

## What are the Programs specifics?

Length of program – 3 Years to 4 ½ Years

6000 to 7900 Hours of on-the-job training to

Over 384 Hours of related classroom instructions

Starting pay 45% of journeyman rate with increases every 1000 to 1500 hours of on-the-job training and completion of 128 hours of related instructions.

## What do I need to apply?

Be at least 18 years old

Two forms of identification

Be physically fit to perform the work of the trade

Have your own transportation

Must be drug free

## Where do I apply?

Roofers Local 9  
114 Old Forge Road  
Rocky Hill, CT 06067  
860-721-1174

United Union of Roofers, Waterproofers and Allied Workers  
Local 12  
15 Bernhard Road  
North Haven, CT 06473  
Tel. 203-772-2365  
Fax 203-772-2574



# SHEET METAL WORKER

## What does a Sheet Metal Worker do?

Sheet metal workers make, install, and maintain heating, ventilation, and air-conditioning duct systems; roofs; siding; rain gutters; downspouts; skylights; restaurant equipment; outdoor signs; railroad cars; tailgates; customized precision equipment; and many other products made from metal sheets. They also may work with fiberglass and plastic materials. In addition to installation, some sheet metal workers specialize in testing, balancing, adjusting, and servicing existing air-conditioning and ventilation systems to make sure they are functioning properly and to improve their energy efficiency. Properly installed duct systems are a key component to heating, ventilation, and air-conditioning (HVAC) systems, which causes duct installers to sometimes be referred to as *HVAC technicians*. A duct system allows for even air distribution while minimizing leaks and temperature differentiation that can cause other problems, such as mold.

## Working conditions

Sheet metal workers may fabricate sheet metal products in shops that are well-lighted and well-ventilated. However, they stand for long periods and lift heavy materials and finished pieces. Sheet metal workers must follow safety practices because working around high-speed machines can be dangerous. They also are subject to cuts from sharp metal, burns from soldering and welding, and falls from ladders and scaffolds. Those performing installation work do considerable bending, lifting, standing, climbing, and squatting, sometimes in close quarters or in awkward positions. Although duct systems and equipment are often installed indoors, the installation of siding, roofs, and gutters involves much outdoor work, requiring sheet metal workers to be exposed to various kinds of weather.

## What are the Programs specifics?

4 year Apprenticeship:

8000 hours of "On the Job Training" with a local contractor / employer

800 hours of classroom (Related Instruction)

Wages & Benefits:

Starting wage rate: 50% of Journeyman wage rate

Full Medical Insurance and Pension plans

Cost of Training:

There is no cost for training but the apprentice must be a dues paying member of the Sheet Metal Workers Local Union.

Area of Coverage:

State of Connecticut; Apprentice must possess dependable transportation and be willing and able to travel to any jobsite as required

Sheet Metal Worker Licensing Requirements:

Because the trade of Sheet Metal Worker is a licensed trade, all graduate apprentices must successfully pass a State of Connecticut examination to be classified as Journeyman Sheet Metal Workers.

# SHEET METAL WORKER

## What do I need to apply?

Must be 18 years of age  
Must have a valid Connecticut driver's license  
Must have a High School Diploma or GED  
Must pass a drug and alcohol screening test

## Where do I apply?

Applications are accepted year round and apprentices are accepted and placed by contractor request.

Contact: (please call or write to request an interview, Hours of Operation: 8:00AM – 4:30 PM)

Mark Mastropasqua, Director of Training  
Sheet Metal Workers LU #40, JATC  
100 Old Forge Road  
Rocky Hill, CT. 06067  
Telephone: 860-529-2616 Ext. 117  
Fax Number: 860-529-3686  
E-Mail: [mmas@smwlocal40.org](mailto:mmas@smwlocal40.org)

Website Links:

Local JATC: [www.smwlu40.org](http://www.smwlu40.org)  
International Association: [www.smwia.org](http://www.smwia.org)  
Contractor's Association: [www.smacna.org](http://www.smacna.org)

### **Fairfield and Litchfield Counties**

Robert J. Dutra, Director of Training  
Sheet Metal Workers LU #38 Craft Training Fund  
38 Starr Ridge Road  
Brewster, NY 10509  
Telephone: 845-278-6983 Ext. 110  
Fax Number: 845-279-1077  
E-Mail: [rdutra@sheetmetallocal38.org](mailto:rdutra@sheetmetallocal38.org)

Website Links:

Local JATC: [www.sheetmetallocal38.org](http://www.sheetmetallocal38.org)  
International Association: [www.smwia.org](http://www.smwia.org)  
Contractor's Association: [www.smacna.org](http://www.smacna.org)  
International Training Institute: [www.sheetmetal-iti.org](http://www.sheetmetal-iti.org)



## *Sponsors and Apprentices*

# Don't Screw Up Unregistered is Uncredited

Unregistered work hours are not counted toward the completion of the Apprenticeship program.

The terms and conditions of the training are contained in the Apprentice Registration Agreement including start date of the apprenticeship.

Pay raises are determined by the start date along with accumulation of work hours.

Failure to complete the required on-the-job training hours and related classroom instruction in this time frame will result in termination from the program.

Your apprenticeship is valid only for the number of years/hours that are listed on the registration agreement.

The Apprentice Registration Agreement is a legal, binding document.

**Employers, follow the law.  
Register your apprentices.**

To learn more, visit the  
Connecticut Department of Labor website  
[www.ctapprenticeship.com](http://www.ctapprenticeship.com)

