



QUALITY UNION TRAINING



www.jatdcc.org

**CONNECTICUT BUILDING
CONSTRUCTION TRADES
APPRENTICESHIP PROGRAMS**

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

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.

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.**

CT State Building Trades Training Institute

What is the CT Building Trades Training Institute?

Founded by the CT State Building Trades Council in 2022, The CT Building Trades Training Institute (BTTI) is a construction readiness program that will prepare CT residents interested in applying for and/or entering a registered union apprenticeship; especially those from historically marginalized populations such as people of color, women, and opportunity youth.

What are the program requirements?

- Be 18 years or older
- Have a high school diploma or GED
- Have a valid CT state drivers license
- Be physically capable of doing construction work
- Be drug free
- Have reliable transportation

What are the programs specifics?

- Program length varies from 1-10 weeks depending on specific training
- Classes typically run (Monday - Friday) 7am-3:30pm
- Program is unpaid but supportive services are available
- All materials are paid for, there is no cost to the student
- Students will learn basic construction math
- Students will get an introduction to each trade
- Students can earn various construction certifications including:
 - First Aid/CPR
 - OSHA 10

Where do I apply?

For more information about the program or to fill out an application please call the BTTI office at 860-200-1545. Applications can be filled out in person by appointment. Pre-registration forms can be filled out following the QR code.

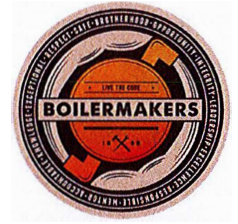


CT State Building Trades Training Institute
20 Sargeant Street Hartford, CT 06105
recruitment@csbtti.org
Telephone: 860-200-1545



Field Construction Boilermaker

The International Brotherhood of Boilermakers represents more than 50,000 skilled craftsmen and women and industrial workers who work in heavy industry, shipbuilding, manufacturing, railroads, cement, mining, and related industries. We construct and repair electric power plants, refineries, pulp and paper mills, and steel mills. We build naval ships and commercial tankers, repair locomotives, make cement, and mine coal, gypsum, and talc. We forge tools for industry and make consumer goods.



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.



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.



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 Association of Heat and Frost Insulators and Allied Workers

The IAHFIAW represent workers in the mechanical insulation industry. Insulators are trained and skilled at a multitude of construction trades including mechanical insulation, firestopping, asbestos and lead mitigation, sound attenuation and specialty fabrications. Union insulators have the experience, skills, and resources to handle a wide-variety of insulation-related projects ranging from nuclear and electrical power plants, ethanol plants, automotive manufacturing facilities, and food-processing plants to hospitals, schools, semi-conductors, and high-rise buildings.



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.



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.



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.



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 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.



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.

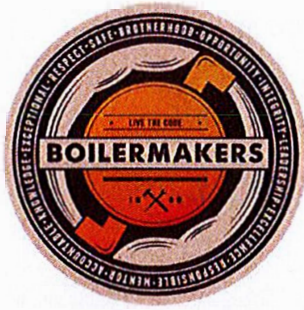


The United Association's Sprinkler Fitters

The main function of a sprinkler fitter is the installation of fire protection systems. This includes underground supply piping, which is connected to an integrated overhead piping system for suppression of fire. Safety is first and foremost; therefore, you will be trained in the care and proper use of tools and equipment. The training will range from pipe wrenches and pipe threading machines to welding equipment and manlifts. Road Sprinkler Fitters Local Union 669 (Local 669) is nationwide. This gives the members of Local 669 the flexibility to work almost anywhere in the United States. The career of the sprinkler fitter can provide a range of opportunities for achievement.



SPRINKLER FITTERS
ATTITUDE • SKILL • KNOWLEDGE



FIELD CONSTRUCTION BOILERMAKER

What does a Boilermaker do?

The International Brotherhood of Boilermakers represents more than 50,000 skilled craftsmen and women and industrial workers who work in heavy industry, shipbuilding, manufacturing, railroads, cement, mining, and related industries. We construct and repair electric power plants, refineries, pulp and paper mills, and steel mills. We build naval ships and commercial tankers, repair locomotives, make cement, and mine coal, gypsum, and talc. We forge tools for industry and make consumer goods.

Working conditions.

Field construction work is by nature an outside job which means exposure to all types of weather conditions, including extreme heat and cold. Boilers, dams, power generation plants, storage tanks, and pressure vessels are usually of mammoth size. Be prepared, a major portion of Boilermaker work is performed at great heights -often from 200 to 1,000 feet above the ground. The size of the materials, tools, and equipment handled by Boilermakers requires excellent physical strength and stamina.

What are the program specifics?

To become a Journeyman Boilermaker you must complete a minimum 6,000-hour Apprenticeship Program, typically taking approximately four years. The program consists of: on-the-Job training, 48 on line self-study lessons and tests, 8 Performance Based Tests, 21 On-The-Job Training Booklets, a minimum of 144 hours per year of classroom instruction per year.

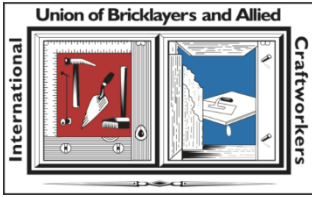
What do I need to apply?

Applicants must meet the following requirements:

1. Be 18 years of age.
2. Must have graduated from high school, or be able to provide an equivalency certificate.
3. Be willing to participate in alcohol and drug testing within 48 hours after signing the apprenticeship agreements.
4. Have reliable transportation to the related instructions and to travel long distances to job sites.
5. Be physically able to perform the usual tasks required in the Boilermaker Trade as determined by a verbal declaration.

Where do I apply?

Applications are distributed on the third Tuesday of every month from 9 AM to 12 PM at:
Boilermakers Local 237, 19 Thomas Street, East Hartford, CT 06108, 860-528-9087, boilermakers237.com.



BRICKLAYERS & ALLIED CRAFTWORKERS

What does a BAC Craftworker do?

A BAC member is a skilled craftworker who, using their talents and training, set masonry units (brick, block, stone, marble, tile, 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, churches, hospitals, high-rises, municipality buildings, state and federal buildings, and much more.

BAC members pour decorative concrete structures, concrete slabs on grade, high-rise deck pours and sidewalks, as well as rubbing & grinding on bridges and highways.

Our Pointer, Cleaner, Caulkers (P.C.C.) restore old buildings to bring them back to their original beauty by cutting out and replacing old mortar joints, repairing and replacing deteriorated brick and stone, installing dutchmen, cleaning the exteriors of buildings, waterproofing, flashing and caulking.

Other Allied crafts include Marble Setter & Finisher, Tile Setter & Finisher, Terrazzo worker & Finisher, and Plasterer.

Working conditions.

Bricklayers, Cement Masons, and P.C.C.'s work consists of lifting masonry materials such as brick, block, stone, precast and pavers. A variety of hand and power tools are used to perform each task. Work can be very strenuous and requires both good physical condition and strength.

Work is performed in all weather conditions. Heat, cold, rain, and snow.

BAC Craftworkers work both outside and inside on supported scaffolds, hydro mobiles, swing scaffolds, scissor lifts, and manlifts. BAC members work on various projects throughout Connecticut and bordering states.

What are the programs specifics?

Length of Program:	3 to 4 years (4500-6000 on the job training hours)
Related Training:	160 hours per year
Starting pay:	50%-60% of Journey worker's rate with pay increases every 750 hours
Fringe Benefits:	Health Insurance, Pension, Annuity and Training

What do I need to apply?

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

Where do I apply?

Local #1 CT – JATC
International Masonry Training Education Foundation
17B North Plains Industrial Road
Wallingford, CT 06492
Phone: (203)-679-0572
Hours: 7:00 a.m. – 3:30 p.m.
Website: www.baclocal1ct.org
Email: ctimtef@gmail.com

Bricklayers Local Union Office:
International Union of Bricklayers and Allied Craftworkers
Local #1 CT
17A North Plains Industrial Road
Wallingford, CT 06492
(203) 697-0820



North Atlantic States **CARPENTERS TRAINING FUND**

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.

APPRENTICESHIP TRAINING PROGRAM.

The Apprenticeship program is a four year, formalized training program. Apprentices must attend 640+ hours of related technical classroom instruction and up to 8,000 hours of on-the-job practical training to graduate. The apprenticeship program is designed to thoroughly develop the talents and skills of up-and-coming carpenters. The program is a combination of classroom and shop learning as well as jobsite employment. Apprentices attend classes for one week every three months, a system designed to accommodate the needs of contractors and apprentices alike. Apprentices are required to work a minimum number of hours on a jobsite per year. As a result, apprentices are continuously building upon their knowledge and skill base while solidifying these lessons in a practical jobsite setting.

The program allows carpenter apprentices to earn wages and benefits that enable them to provide for themselves and their families, while learning from the most experienced professionals both in the classroom and on-site. Typically, apprentices start around 50% of the journeyworker pay scale. As their training progresses, apprentices earn more until they become full carpenters, called "journeymen," and are then paid at the journeymen rate.



WHAT ARE THE PROGRAMS SPECIFICS?

Length of Program - 8000 hours (8 – 1000 hour periods)
Related Training - 144 hours per year
Starting pay - 45% of journeyman rate (higher with credit for experience)
Fringe Benefits- Health Insurance, Pension, Annuity and Training

WHAT DO I NEED TO APPLY?

Provide copies of proof of age (minimum 17 years of age). Birth certificate preferred (Driver's License, Passport or Green Card are also acceptable).

AND

Provide copies of documentation of high school graduation and transcript for high school, or completion of a GED with applicable scores. (High school seniors must provide transcripts and a letter from their schools stating that they are eligible to graduate within three months).

WHERE DO I APPLY?

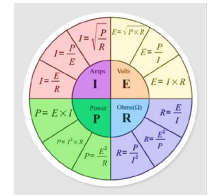
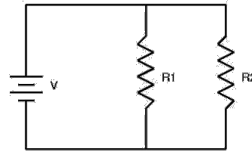
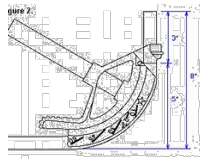
North Atlantic States Carpenters Training Fund
500 Main Street
Yalesville, CT 06492
Phone: 508-792-5443
Website: www.nasctf.org
For more information scan the QR code



Carpenters Local Union Offices:
Local #326
500 Main St.
Yalesville, CT 06492
Phone: 860-352-1130

Websites:

Carpenters Local 326: www.carpenterslocal326.com
North Atlantic States Carpenters Training Fund: www.nasctf.org
North Atlantic States Carpenters Regional Council: www.nasrcc.org
United Brotherhood of Carpenters: www.carpenters.org



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, layout, 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 the national electrical codes required for a safe and quality installation.

Working conditions.

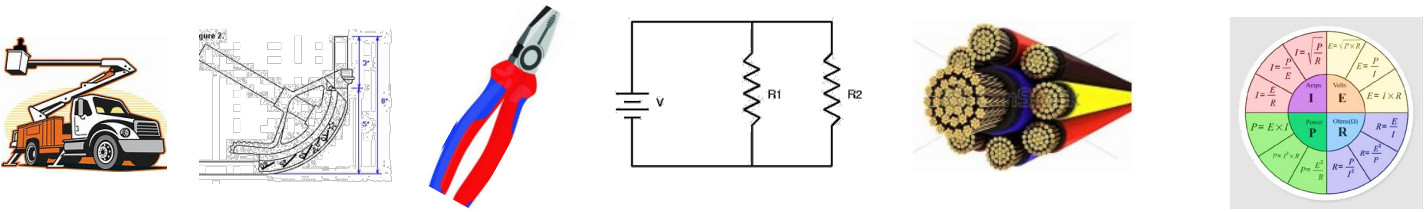
This type of work is done in full range of environmental conditions to include outside in dirt, cold, sun, rain, and snow; inside in climate-controlled modern offices and industrial manufacturing plants. The work can require considerable lifting, kneeling, pulling of long lengths of cables, reaching, 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 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?

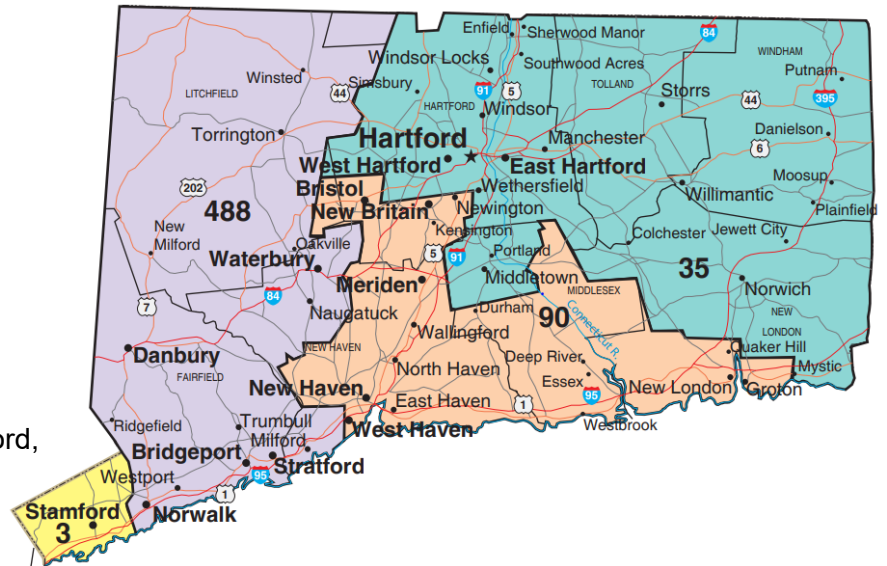
**Westchester-Fairfield
IBEW Local 3**
200 Bloomingdale Road
White Plains, NY 10605
914-946-0472 Phone
914-683-1892 Fax

**Hartford Electricians
IBEW Local 35**
208 Murphy Road
Hartford, CT 06114
860-525-5982 Phone
860-278-4373 Fax
info@ibewlocal35.org

**NECA & IBEW Local 90 JATC
IBEW Local 90**
2 N. Plains Industrial Rd Wallingford,
CT 06492
203-265-3820 Phone
203-265-6875 Fax
www.jatc90.org
contact@jatc90.org

**IBEW – NECA JATC
IBEW Local 488**
721 Main Street
Monroe, CT 06468
203-452-7679 Phone
203-459-2553 Fax
jatc488@yahoo.com

CONNECTICUT IBEW Inside Jurisdiction



Websites:

International Brotherhood of Electrical Workers www.ibew.org
 IBEW Local 35 www.ibewlocal35.org
 IBEW Local 90 www.ibewlocal90.org
 IBEW Local 488 www.ibewlocal488.org
 National Electrical Contractors Association www.necanet.org
 Connecticut Chapter of NECA www.necact.org



Heat and Frost Insulators

What does an Insulator do?

Insulators are trained and skilled at a multitude of construction trades including mechanical insulation, firestopping, asbestos and lead mitigation, sound attenuation and specialty fabrications. Union insulators have the experience, skills, and resources to handle a wide-variety of insulation-related projects ranging from nuclear and electrical power plants, ethanol plants, automotive manufacturing facilities, and food-processing plants to hospitals, schools, semi-conductors, and high-rise buildings. The expertise of our members runs the gamut to include the thermal control of multi-million-dollar projects, annual maintenance check-ups and even small repairs.

Working conditions.

Insulators work on commercial and industrial sites on all phases of construction. Work is performed indoor and outdoor, exposing workers to various weather conditions. Reliable transportation is needed as job sites are located throughout the state. The work is physically demanding, requiring heavy lifting, climbing, and working on ladders and lifts and working at heights.

What are the program specifics?

Length of Program – 5 years
8000 hours of on-the- job training
1600 hours of classroom instruction per year
Starting pay is 50% of journeyman rate with 10% increases

What do I need to apply?

Must be 18 years old
High School diploma or GED
Valid state issued driver's license and transportation
Social security card

Where do I apply?

Heat and Frost Insulators Local 33
616 South Colony Road
Wallingford, CT 06492

Phone: 203-265-6376
Fax: 203-265-5119
Email: admin@insulators33.org
Web: www.insulators33.org





IRON WORKER

What does an Iron Worker 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?

Northern District of CT Ironworkers Local 15
49 Locust Street
Hartford, CT 06105
Phone 860-249-7639
Fax 860-246-6342
www.ironworkers15.org

Southern District of CT Ironworkers Local 424
15 Bernhard Road
New Haven, CT 06473-3906
Phone 203-562-4116
Fax 203-787-5536
Email apprenticeship@iron424training.org
www.ironworkers.org



LiUNA!

Feel the Power

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 driver's license
Minimum of 12th 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?

Call (508) 544-9830 to find out where to apply.

New England Laborers Training
37 East Street
Hopkinton, MA 01748
Phone (508) 544-9830
Fax (508) 544-9836
email: apprenticeship@nelapp.org



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. Severe 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 driver's license
High school graduate or GED
Complete an oral interview
Complete a 6-week pre-apprenticeship program
Drug test

Where do I apply?

IUOE LOCAL 478
240 Cheshire Road
Meriden, CT 06451
(203) 237-3962
(800) 841-0478
Email: john.daddona@local478.org

Website Links:

IUOE Local 478 www.local478.org
International Union www.iuoe.org



PAINTER INDUSTRIAL COATING AND LINING APPLICATION SPECIALIST

WHAT DOES AN INDUSTRIAL PAINTER DO?

Industrial Coating and Lining Application Specialists apply techniques to prepare substrates for coating and lining application. Techniques may include removal of rust, mill scale and previously applied hazardous coatings utilizing industry-specific tools and techniques. Industrial Coating and Lining Application Specialists apply/install protective coatings and linings to steel and concrete on complex structures, such as bridges and towers; waterfront structures, such as locks and dam, ship hulls, offshore platforms, bulkheads, and piers; metal and manufacturing facilities; chemical and processing facilities (e.g. food processing facilities); and conventional and nuclear power generation facilities

By the nature of their work, Industrial Coating and Lining Application Specialists often work in dangerous environments such as bridges high over waterways, other highways or railroads, or in confined spaces such as shipboard spaces, small vessels or storage tanks. Because of this, Painter Industrial Coating and Lining Application Specialists are required to receive more specialized training in health and safety due to the hazards associated with their work

WHAT ARE THE WORKING CONDITIONS?

Painting requires a lot of climbing, bending, kneeling, and stretching. Industrial painters typically work outdoors in dry, warm weather unless they are building containment then it can be cold and uncomfortable. Those who paint bridges or buildings may be exposed to extreme heights and uncomfortable positions; some painters are suspended by ropes or cables as they work. Painters have a higher rate of injuries and illnesses than the national average. Falls from heights, muscle strains from lifting, and exposure to irritants such as toxic dust are common risks

The recruitment, selection, employment and training of apprentices during their apprenticeship shall be without discrimination because of disability, age [40 or older], race, color, sex, religious creed, marital status, national origin, sexual orientation and genetic information

WHAT ARE THE PROGRAM SPECIFICS?

- Length of program- 4 years
- Over 588 Classroom hours
- 8,000 on-the-job training hours
- 6.25% wage increase every 1,000 hrs of OJT

WHAT DO I NEED TO APPLY?

- Must be 18 years old
- Driver's license and transportation
- High School diploma or GED
- Social security card

WHERE DO I APPLY?

Apply online at any time!
<http://www.iupatdc11.com>

- Go to the "training" tab & then application

Or you may scan the QR code below by using the camera on your mobile device



OUR CAMPUSES

Finishing Trades Institute of Southern New England Inc.

79 Bradley Street
Middletown, CT 06457
Phone: (860) 613-0700
Fax: (860) 613-0707

269 Macklin Street
Cranston, RI 02920
Phone: (401) 467-7010



GLAZIER

WHAT DOES A GLAZIER DO?

Glaziers fabricate and install architectural metal used in storefronts, mid high-rise buildings, which include anchoring by welding and sealant applications 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 trade related equipment. Glaziers read and interpret blueprints, and must be able to read and understand technical literature. Work in the glazing field includes both residential and commercial projects. Residential projects may include replacing a home's window glass to improve energy efficiency, installing glass mirrors, shower doors and fitting glass for tabletops and display cases. Commercial interior glazing projects include installing items such as heavy, decorative room dividers or security windows

Other glazing projects may involve replacing storefront windows for establishments such as supermarkets, auto dealerships or banks. In the construction of large commercial buildings, glaziers build metal framework extrusions and install glass panels or curtain walls. Skills needed to become a Glazier include manual dexterity, eye-hand coordination, physical fitness, and a good sense of balance. The ability to solve arithmetic problems quickly and accurately also is required

WHAT ARE THE WORKING CONDITIONS?

This type of work is done in full range of environmental conditions to include outside. The work can require considerable lifting (approximately 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. Glaziers are typically work in the elements all throughout the year, experiencing high heat, winds, rain, snow, and the cold. Glaziers are also normally working at high elevations.

The recruitment, selection, employment and training of apprentices during their apprenticeship shall be without discrimination because of disability, age [40 or older], race, color, sex, religious creed, marital status, national origin, sexual orientation and genetic information

WHAT ARE THE PROGRAM SPECIFICS?

- 4 year program
- Over 576 Classroom hours
- 8,000 on-the-job training hours
- 6.25% wage increase every 1,000 hrs of OJT

WHAT DO I NEED TO APPLY?

- Must be 18 years old
- Driver's license and transportation
- High School diploma or GED
- Social security card
- Algebra, geometry, blueprint reading, drafting, metal shop recommended

WHERE DO I APPLY?

Apply online at any time!
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DRYWALL FINISHER

WHAT DOES A DRYWALL FINISHER DO?

Drywall finishers (or tapers) prepare unfinished interior drywall panels for painting by taping & finishing joints and imperfections. The Drywall Finisher finishes gypsum wallboard surfaces by taping, spotting, pointing, filling, finishing, & sanding joints, angles, internal and external corners, & all field surfaces. Skill is required in the use of hand filling and machine tool methods for both preparation & 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 regulation and standards of the various authorities having jurisdiction. A skilled Drywall Finisher will be organized & capable of working independently

The Drywall Finisher shall possess a recognized certificate of trade qualification, certificates of apprenticeship as required, & have completed an approved training course, as well as 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 & health hazards include the dangers of toxic poisoning from paint and related material fumes & 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, & capable of taking detailed instruction on the job site

WHAT ARE THE 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 and coating.

The recruitment, selection, employment and training of apprentices during their apprenticeship shall be without discrimination because of disability, age [40 or older], race, color, sex, religious creed, marital status, national origin, sexual orientation and genetic information

WHAT ARE THE PROGRAM SPECIFICS?

- 3 year program
- 480 Classroom hours
- 6,000 on-the-job training hours
- 5% wage increase every
- 1,000 hrs of OJT

WHAT DO I NEED TO APPLY?

- Must be 18 years old
- Driver's license and transportation
- High School diploma or GED
- Social security card

WHERE DO I APPLY?

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<http://www.iupatdc11.com>

- Go to the "training" tab & then application

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PLUMBER & PIPEFITTER

What does a Plumber and 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, appliances, medical gas, process piping, HVACR, pipe welding, and all other piping systems.

Working conditions.

Apprentices and journeymen 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 7:30 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 pay rates are based on a percentage of journeyman wages; first year rate is 40%, second year rate is 50%, third year rate is 60% four-year rate is 70% and fifth-year rate is 80%. To qualify for a raise on their anniversary date, apprentices must have a minimum of 1,700 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. 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 journeyman status.

What do I need to apply?

Applicants must be a minimum of 18 years old at the time of acceptance
Applicants must have either a high school, GED or High School Equivalence Diploma
Applicants must have a valid driver's 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

Website Links:

JATC: www.local777.com
International Union: www.ua.org
Management Assoc: www.mcaa.org



ROOFER & WATERPROOFER

What does a Roofer do?

Roofers 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

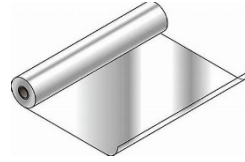
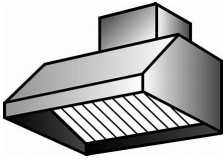
Have your own transportation

Must be drug free

Where do I apply?

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

Roofers 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. Professionally 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:

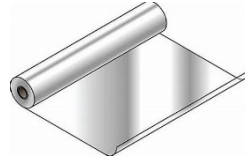
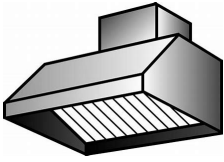
There is no cost for training, but the apprentice must be a dues paying member of the Sheet Metal Workers Local Union.

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.



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)

Sheet Metal Workers LU #40, JATC
100 Old Forge Road
Rocky Hill, CT. 06067
Telephone: 860-529-2616 Ext. 417
Fax Number: 860-529-3686

Fairfield and Litchfield Counties
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

Website Links:

Local JATC: www.smwlocal40.org
International Association: www.smart-union.org
Contractor's Association: www.smacna.org



FIRE SPRINKLER FITTER

What does a Sprinkler Fitter do?

The main function of a sprinkler fitter is the installation of fire protection systems. This includes underground supply piping, which is connected to an integrated overhead piping system for suppression of fire. Safety is first and foremost; therefore, you will be trained in the care and proper use of tools and equipment. The training will range from pipe wrenches and pipe threading machines to welding equipment and manlifts. Road Sprinkler Fitters Local Union 669 (Local 669) is nationwide. This gives the members of Local 669 the flexibility to work almost anywhere in the United States. The career of the sprinkler fitter can provide a range of opportunities for achievement. Once an apprentice successfully completes the apprenticeship program and becomes a journeyman, many opportunities become available. You can work as a foreman, move up to superintendent or even move into management with a company. You can continue building knowledge as part of one of the most respected labor unions in the construction industry. Being identified as a sprinkler fitter is both rewarding and fulfilling.

Videos about the program may be viewed at <https://training669.org/local-669-jatc-apprentice-videos/>.

What are the program specifics?

Program length: 5 years and 10,000 hours

Education is provided in the form of in-person training classes and online correspondence courses.

What do I need to apply?

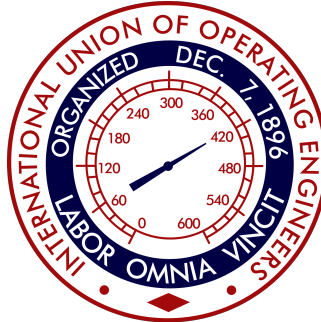
1. Must be at least 18 years old
2. Must have a high school diploma or GED
3. Must have other than dishonorable discharge from the military (if applicable)
4. Must pass appropriate drug test and medical exam

Where do I apply?

Profiles may be submitted year-round at <https://training669.org>.

Contractors in the area selected will be sent your profile. You may also contact contractors directly from the information on in the interactive map.

Careers Provided By:



SPRINKLER FITTERS
ATTITUDE • SKILL • KNOWLEDGE