

# 2016 Union Building Trades Apprenticeship Programs...



UNIT 1A  
2,590 SQ. FT.  
F= 471.1  
C= 482.1

UNIT 1D  
2,050 SQ. FT.  
F= 474.7  
C= 488.2



FUTURE  
RETAIL  
UNIT  
NEW RETAIL BUILDING  
TO BE CONSTRUCTED



F= 466.3  
C= 482.2

## Your Blueprint for Success.

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# Boilermakers

Boilermakers and boilermaker mechanics make, install, and repair boilers, vats and other large vessels that hold liquid or gases. Boilers supply steam to drive huge turbines in electric power plants and to provide heat and power in buildings, factories, and ships. Tanks and vats are used to process and store chemicals, oil, beer and hundreds of other products.

Following blueprints, boilermakers locate and mark reference points on the boiler foundation for installing boilers and other vessels, using straightedges, squares, transits and tape measures. They attach rigging and signal crane operators to lift heavy frame and plate sections and other parts into place. They align sections, using plumb bobs, levels, wedges and turnbuckles. Boilermakers use hammers, files, grinders and cutting torches to remove irregular edges so the edges fit properly.

Because boilers last a long time, boilermakers regularly maintain them and update components such as burners and boiler tubes to increase efficiency. Boilermaker mechanics maintain and repair boilers and similar vessels. They inspect tubes, fittings, valves, controls, and auxiliary machinery and clean or supervise the cleaning of boilers. They repair or replace defective parts, using hand and power tools, gas torches and welding equipment, and may operate metalworking machinery to repair or make parts. They also dismantle leaky boilers, patch weak spots with metal stock, replace defective sections, or strengthen joints.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must be at least 18 years old; must present birth certificate; must have original Social Security card; must have a high school diploma or G.E.D. certificate; must have reliable transportation; must be able to speak, write and read the English language; must pass drug screening; must pass a physical exam; must be a legal resident of the United States; and must reside in the local union jurisdiction.

**APPRENTICESHIP PROGRAM:** Apprenticeship program usually consists of four years of on-the-job training, supplemented by about 144 hours of classroom instruction each year in subjects such as set-up and assembly rigging, welding of all types, blueprint reading and layout.

**WAGE INFORMATION:** Apprentices start at 60 percent of scale. See wage scales in back of this booklet.

**RECOMMENDED PREPARATORY CLASSES:** Drafting, industrial technology and any classes related to construction or engineering technology.

**WORKING CONDITIONS:** Boilermakers work in all types of weather conditions and at various heights. Sometimes working space is confined.

**ABILITIES:** Must be able to understand how things should fit together; must be able to see details in objects; and must be able to make decisions.

**CONTACT:** Boilermakers Local 60  
Darren Lindee, Apprenticeship Coordinator  
425 W Edgewood  
Morton, Illinois 61550  
  
(309) 266-7144

Apply at address above last Thursday of every month,  
8 a.m. to 9 a.m. Bring birth certificate,  
H.S. diploma or G.E.D., and documentation of welding  
experience after high school if you have it.

# Bricklayers & Allied Craftworkers

Bricklayers and stonemasons work in closely related trades producing attractive, durable surfaces and structures such as commercial, industrial and residential buildings. The work they perform varies in complexity, from laying a simple masonry walkway to installing the ornate exterior of a high-rise building. Bricklayers build walls, floors, partitions, fireplaces, chimneys, and other structures with brick, precast masonry panels, concrete block and other masonry materials. Some specialize in installing firebrick linings in industrial furnaces. Stonemasons build stone walls, as well as set stone exteriors and floors. They work with two types of stone - natural cut, such as marble, granite, and limestone and artificial stone made from concrete, marble chips or other masonry materials. Stonemasons usually work on structures such as houses, hotels and office buildings.

Bricklayers and stonemasons combine a thorough knowledge of brick, concrete block, stone and marble with manual skill to erect very attractive yet highly durable structures.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must be at least age 18 years old; must be physically able to perform the work of the trade; must have a commitment of employment by an employer who is a signatory contractor to a bargaining agreement; Must provide a photo ID and birth certificate at time of application and \$20 non-refundable application fee..

**APPRENTICESHIP PROGRAM:** Three and 1/2 year apprenticeship with a minimum of 6,000 hours of on-the-job training; apprentices receive a minimum of 144 hours of classroom instruction each year. Apprentices attend school 15 days per year second and third year. First Year Apprentices attend a 10 week “boot camp” before starting work on a job site.

**WAGE INFORMATION:** Apprentices start at 50 percent of scale. See wage scales in back of this booklet.

**RECOMMENDED PREPARATORY CLASSES:** Industrial technology, mathematics and basic geometry classes. Also need a good attitude, good attendance and be able to read a ruler.

**WORKING CONDITIONS:** Bricklayers and stonemasons usually work outdoors. They stand, kneel and bend for long periods of time and often have to lift heavy materials. Common hazards include injuries from tools and falls from scaffolds, but these can be avoided when proper safety practices are followed.

**ABILITIES:** Must be physically fit to perform the job of a bricklayer.

**CONTACT:** Bricklayers Local 6  
Lance Hatting, Apprenticeship Training Instructor  
661 Southrock Dr.  
Rockford, IL 61102  
815-494-7743  
baclance@gmail.com

Every Wednesday  
between 9 a.m. - 12 p.m. & 1-4 p.m.



# Carpenters, Millwrights, Cabinetmaker, and Floorlayer

Carpenters are involved in many different kinds of construction activity. They cut, fit and assemble wood and other materials in the construction of buildings, highways, bridges, docks, industrial plants, boats and many other structures. Their duties vary by type of employer. A carpenter employed by a special trade contractor, for example, may specialize in one or two activities, such as setting forms for concrete construction or erecting scaffolding. However, a carpenter employed by a general building contractor may perform many tasks, such as framing walls and partitions, putting in doors and windows, hanging kitchen cabinets and installing paneling and tile ceilings.

Working from blueprints or instructions from supervisors, carpenters first do the layout-measuring, marking and arranging materials. They then cut and shape wood, plastic, ceiling tile, fiberglass, or drywall using hand and power tools, such as chisels, planes, saws, drills and sanders, and then join the materials with nails, screws, staples or adhesives. In the final step, they check the accuracy of their work with levels, rules, plumb bobs, and framing scales and make any necessary adjustments.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must be 17 years old; must present birth certificate; must have original Social Security card; must have high school diploma or GED certificate; must have valid driver's license and reliable transportation; must be able to speak, write and read the English language; must be physically able to perform work of the trade; must be a legal resident of the United States; submit a DD-214 to verify military training or experience if you are a veteran and wish to receive consideration for such training/experience; and must reside in the local union jurisdiction. When apprentices are accepted, must pass a math test, drug test and obtain a contract sponsor letter. There is a 120-day probation period and the apprentice must work 275 hours during that period.

**APPRENTICESHIP PROGRAM:** The apprenticeship program lasts for four years. Apprentices attend school quarterly for one entire week at the J.A.T.C. Apprentices also receive on-the-job training.

**WAGE INFORMATION:** Apprentices start at 50 percent of scale. See wage scales in back of this booklet.

**RECOMMENDED PREPARATORY CLASSES:** Algebra, geometry, sketching, drafting, science and industrial technology classes.

**WORKING CONDITIONS:** Carpenters work in all types of weather conditions. The work can sometimes be strenuous. Prolonged standing, climbing, bending and kneeling are often necessary.

**ABILITIES:** Must be able to work at high levels from ladders and scaffolds. Must be physically fit to perform the job of carpenter with no restrictions.

**CONTACT:** Carpenters JATC Program  
Rob Swegle  
904 Brenkman Drive  
Pekin, Illinois 61554  
(309) 353-4232

Applications will be accepted Monday through Friday  
from 9 a.m. to 3 p.m. at the above address.

Application fee of \$10.



# Cement Masons

Cement Masons use concrete on many types of construction projects. Whether small jobs, such as patios and floors, huge dams or miles of roadway, cement masons place and finish concrete. They may also color concrete surfaces, expose aggregate (small stones) in walls and sidewalks, or fabricate concrete beams, columns and panels. In preparing a site for placing concrete, masons set the forms for holding the concrete to the desired pitch and depth and properly align them. They then direct the casting of the concrete and supervise laborers who use shovels or special tools to spread it. Masons then guide a straightedge back and forth across the top of the forms to “screed,” or level, the freshly placed concrete.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must be at least 18 years old; must have a high school diploma or G.E.D. certificate; must be physically able to perform the work of the trade; applicants from Job Corps graduates (BAT Circular 74-5) shall be considered; applicants accepted into the apprenticeship program will be subject to a drug test at the expense of the J.A.T.C. for the first test. Applicants will be required to sign a scholarship agreement if accepted into the program. The applicants must present birth certificate; must have valid driver’s license knowing he/she has reliable transportation; must be a legal resident of the United States; and must provide a high school transcript.

**APPRENTICESHIP PROGRAM:** The apprenticeship program is a three year program. A minimum of 144 classroom hours per year is required, along with 1,000 work hours per year.

**WAGE INFORMATION:** Apprentices start at 70 percent of scale for the first year, 80 percent the second year and 90 percent the third year. See wage scales in back of this booklet.

**RECOMMENDED PREPARATORY CLASSES:** English, mathematics, mechanical drawing, and industrial technology classes.

**WORKING CONDITIONS:** Cement Masons work inside and out. Work may be somewhat seasonal. Because most finishing is done at floor level workers must bend and kneel a lot.

**ABILITIES:** Must be able to lift heavy objects; must be able to work at high levels from ladders and scaffolds; and must be able to handle a large amount of bending and stretching.

**CONTACT:** OPCMIA Local 18  
Mark Hitzner, Apprenticeship Coordinator  
5601 N Main St.  
East Peoria, IL 61611  
(309) 266-5151 FAX 266-9090  
mhitzner@hotmail.com

Applications will be accepted on a year round basis.  
7 a.m. to 9 a.m. - 1st Monday of every month



# Electricians

Electricians install, connect, test, and maintain electrical systems for a variety of purposes, including climate control, security and communications. They also install and maintain the electronic controls for machines in business and industry. Electricians work with blueprints when they install electrical systems in factories, office buildings, homes and other structures. Blueprints indicate the location of circuits outlets, load centers, panel boards and other equipment. Electricians must follow the National Electric Code and comply with State and local building codes when they install these systems. In addition to wiring a building's electrical system, electricians may install coaxial or fiber optic cable for computers and other telecommunications equipment. A growing number of electricians install telephone and computer wiring and equipment. They also may connect motors to electrical power and install electronic controls for industrial equipment.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must live in the area covered by Local #34, IBEW, Peoria, Galesburg & Quincy Divisions; must be 18 years of age; must have a high school diploma or a G.E.D. certificate; high school transcript and/or copy of G.E.D. within 30 days of application; must have one year of Algebra with passing grade (no pre-algebra); and may submit college transcripts. An aptitude test will be given to qualified applicants. Applicants to be interviewed will be determined by the apprenticeship committee, based on previous work history, educational transcripts and the aptitude test score. Applicant must be physically able to do the work and not be color blind.

**APPRENTICESHIP PROGRAM:** Classroom study will be one night a week for four hours. Program length is five years for inside electrician, three years for telecommunication and three years for residential electrician.

**WAGE INFORMATION:** While in the program, wages range from 40 to 90 percent of Journeyman-wireman wage scale. Raises are based on six periods of on-the-job hours. See wage scales in back of this booklet.

**RECOMMENDED PREPARATORY CLASSES:** Algebra, geometry, trigonometry and drafting classes.

**WORKING CONDITIONS:** Electricians' work is sometimes strenuous. They may stand for long periods of time and frequently work on ladders and scaffolds. They often work in awkward or cramped positions. Electricians risk injury from electrical shock, falls and cuts; to avoid injuries, they must follow strict safety procedures. Some electricians may have to travel to job sites.

**ABILITIES:** Familiarity with any type of construction work or electronics would be beneficial.

**CONTACT:** JATC  
4313 S. Entec Dr.  
Bartonville, IL 61607  
(309)-673-0393

Apply the first full week of January, Monday through Saturday,  
9 a.m. to 1 p.m.. \$25 fee at time of application.

First Thursday of the month from 9 a.m. to 1 p.m.



# Elevator Constructors

Elevator Constructors or elevator mechanics assemble, install and replace elevators, escalators, dumbwaiters, moving walkways and similar equipment in new and old buildings. Once the equipment is in service, they maintain and repair it. They are also responsible for modernizing older equipment. In order to install, repair and maintain modern elevators, which are almost all electronically controlled, elevator constructors must have a thorough knowledge of electronics, electricity and hydraulics. Many elevators today are installed with microprocessors, which are programmed to constantly analyze traffic condition in order to dispatch elevators in the most efficient manner. With these computer controls, it is now possible to get the greatest amount of service with the least number of cars.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must be at least 18 years old; must have a high school diploma or G.E.D. certificate; and must pass an aptitude test.

**APPRENTICESHIP PROGRAM:** The apprenticeship program runs four to five years. Generally, apprenticeships must complete a six-month probationary period. After completion, they work toward becoming fully qualified mechanics within four to five years. To be classified as a fully qualified mechanic, apprentices must pass a standard mechanics examination administered by the National Elevator Industry Educational Program.

**WAGE INFORMATION:** Apprentices start at percentage of scale. See wage scales in back of this booklet.

**RECOMMENDED PREPARATORY CLASSES:** Mathematics, electricity and physics.

**WORKING CONDITIONS:** Elevator Constructors usually work indoors. They may work in cramped spaces or awkward positions. Hazards include falls, electrical shock, muscle strains and other injuries related to handling heavy equipment.

**ABILITIES:** Must be able to lift and carry heavy equipment and parts. Must be able to work in small cramped spaces.

**CONTACT:** Elevator Constructors Local 55  
Rod Gilles  
400 NE Jefferson  
Peoria, IL 61603  
(309) 671-5085



# Heat and Frost Insulators

Heat and Frost Insulators work with commercial and industrial insulation. They install insulation and soundproofing for heating, ventilation, steam generation, process piping and plumbing systems, remove hazardous waste and firestopping.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must be at least 18 years old; must have a high school diploma or GED certificate; must be a U.S. citizen or in the process of naturalization; must pass a personal interview; must pass an aptitude test; must pass a drug screening; must be physically fit to work in the construction industry; and must have reliable transportation.

**APPRENTICESHIP PROGRAM:** The apprenticeship program runs for five years with a minimum of 720 hours of classroom instruction. Apprentices receive 144 hours of classroom training per year (approximately one class every three weeks). Apprentices must receive a minimum of 1,600 hours of on-the-job training a year.

**WAGE INFORMATION:** Apprentices start at 50 percent of scale. See wage scales in back of this booklet.

**RECOMMENDED PREPARATORY CLASSES:** Algebra, geometry and mechanical drawing classes.

**WORKING CONDITIONS:** Insulators work in all kinds of weather elements with the majority of work being performed outdoors.

**ABILITIES:** Must work well with others; must be able to work at high levels from scaffolds and ladders; must be able to understand and follow instructions; must be able to lift heavy objects; must be able to work in confined spaces; and must be able to work in a respirator depending on materials being used.

**CONTACT:** Heat and Frost Insulators  
Robert McGuckin  
18520 Spring Creek Drive  
Tinley Park, IL 60477  
708-468-8000



# Iron Workers

Iron Workers perform the following steel work: structural, ornamental, reinforcing, and machinery moving and rigging. Iron, steel, aluminum, fiberglass, precast concrete, brass, and bronze are important materials in buildings, bridges, and other structures. Structural and reinforcing iron workers fabricate, assemble and install these products. They also repair, renovate and maintain older buildings and structures such as steel mills, utility plants, automobile factories, highways and bridges. Iron workers must erect the steel frames and assemble the cranes and derricks that move structural steel, reinforcing bars, buckets of concrete, lumber, and other materials and equipment around the construction site. This equipment arrives at the construction site in sections. Iron workers then connect the sections and set the cables to do the hoisting.

Structural iron workers begin to connect steel columns, beams and girders according to blueprints and instructions from supervisors and superintendents. Structural steel, reinforcing rods and ornamental iron general come to the construction site ready for erection.

Reinforcing iron workers set the bars in the forms that hold concrete, following blueprints showing the location, size and number of reinforcing bars. They fasten the bars together by tying wire around them with pliers. When reinforcing floors, workers place blocks under the reinforcing bars to hold them off the deck.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must be 18 years old, must be a U.S. citizen (copy of birth certificate required) and live within a 50-mile radius of Peoria, must have a high school diploma (must present high school transcript) or G.E.D. equivalent; must have a valid driver's license; and must pass a physical exam and drug test.

**APPRENTICESHIP PROGRAM:** The apprenticeship program runs for three years, two nights per week of classroom and shop instruction. Apprentices work at trade during normal working hours. Benefits include: health and welfare and pension.

**WAGE INFORMATION:** Apprentices start at 60 percent of scale. See wage scales in back of this booklet.

**RECOMMENDED PREPARATORY CLASSES:** Mathematics, science, drafting and industrial technology classes.

**WORKING CONDITIONS:** Structural and reinforcing iron workers usually work outside in all kinds of weather. However, those who work at great heights do not work when it is wet, icy or extremely windy. Because the danger of injuries due to falls is so great, iron workers use safety devices such as safety belts, scaffolding and nets to reduce the risk.

**ABILITIES:** Must be able to think under pressure; must be able to work at great heights; and must be in good physical condition

**CONTACT:** Iron Workers Local 112  
Jason Emerick, Apprenticeship Coordinator  
3003 N Main St.  
East Peoria, IL 61611  
(309) 699-6489

\$20 fee at time of application. Applications taken in May every two years:  
2015, 2017, 2019



# Construction Craft Laborers

Laborers provide much of the physically demanding labor at building, highway and heavy construction projects, tunnel and shaft excavations and demolition sites. In addition to assisting other trades workers, construction craft laborers clean and prepare sites, dig trenches, set braces to support the sides of excavations and clean up rubble and debris. They perform a variety of excavation, tunneling and pipe work, and work on their own on highly specialized tasks. The installation of utility pipe, for example, requires the set up and operation of laser guidance equipment for precise pipe elevation and placement. Tunnel and shaft projects require workers to be trained and experienced in the use of drilling equipment and explosives. Construction craft laborers operate jackhammers, earth tampers, cement mixers, buggies, skid steer loaders, "walk behind" ditchdiggers, small mechanical hoists, laser beam equipment, and surveying and measuring equipment.

In addition to working on building and transportation projects, construction craft laborers work on other projects, such as hazardous waste cleanup and asbestos and lead abatement. In hazardous waste removal, they may: operate, maintain, and read monitoring devices; perform material and atmospheric sampling; build, clean, or maintain facilities for hazardous material removal and decontamination; and package and transport hazardous or radioactive materials.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must be at least 18 years old; must present birth certificate; must be a legal resident of the United States; must have original Social Security card; must have a high school diploma or a G.E.D. certificate; must present high school transcript; must have valid driver's license and reliable transportation; must be able to speak, write and read the English language; must pass drug screening; must pass a written test; must pass a physical exam; and must pass an aptitude test.

**APPRENTICESHIP PROGRAM:** The apprenticeship program runs for three years. Program includes at least 3,000 hours of on-the-job training, including 600 hours of classroom training.

**WAGE INFORMATION:** Apprentices start at 75 percent of scale. See wage scales in back of this booklet.

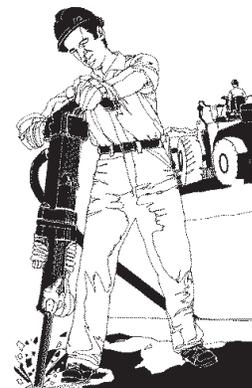
**RECOMMENDED PREPARATORY CLASSES:** Any type of construction safety training would be beneficial - Building Trades courses, algebra, and geometry.

**WORKING CONDITIONS:** Construction Craft Laborers work in all types of weather conditions and at various heights.

**ABILITIES:** Must be able to work at high levels from ladders and scaffolds. Must be physically fit to perform all types of construction jobs.

**CONTACT:** Laborers JATC  
Ron Litherland  
RR 3  
Mt. Sterling, Illinois 62353  
(217) 773-2741

\$20 fee at time of testing. Applications taken February to October  
(10 a.m. to Noon) (1st Tuesday of the Month).  
Call (309) 688-3653 or (217) 773-2741.



# Operating Engineers

Operating Engineers use machinery to move construction materials, earth, petroleum products, coal, grain, manufactured goods and other heavy materials. Generally, they move materials over short distances—around a construction site, factory, warehouse, or on, or off trucks and ships. Operators control equipment by moving levers or foot pedals, operating switches or turning dials. They may also set up and inspect equipment, make adjustments, and perform minor repairs. Operators are classified by the type of equipment they operate: crane and tower operators; excavation and loading machine operators; grader, dozer, and scraper operators; hoist and winch operators; industrial truck and tractor operators.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must be at least 18 years old; must have high school diploma or G.E.D. certificate; must be a resident of the jurisdiction of the Local; must have and maintain a valid driver's license; must show they have a legal right to work in the U.S.; must have physical abilities to perform the duties of the trade; must have adequate verbal, reading/writing skills in the English language to meet demands of the apprenticeship training and must pass a drug screening test using standards established by USDOT.

**APPRENTICESHIP PROGRAM:** The apprenticeship program runs for four years with approximately 6,000 hours of on-the-job training. Apprentices must complete 640 classroom hours (160 hours of classroom instruction per year). Apprentices must receive 144 hours of related instruction, hands on and classroom, and they must pass three performance tests.

**WAGE INFORMATION:** Apprentices start at 60 percent of heavy and highway scale. See wage scales in back of this booklet.

**RECOMMENDED PREPARATORY CLASSES:** Industrial technology classes, math and reading, algebra and basic understanding of mechanics

**WORKING CONDITIONS:** Many operating engineers work outdoors in nearly every type of climate and weather condition. Some machines are particularly noisy and shake or jolt the operator. These jobs have become much safer with the adoption of overhead guards on forklift trucks and roll bars on construction machinery. As with most machinery, most accidents can be avoided when observing proper operating procedures and safety practices.

**ABILITIES:** Must be able to lift heavy objects and must be able to withstand extreme weather conditions. Must have good math and reading comprehension as well as understand percentages and slopes.

**CONTACT:** Operating Engineers Local 649  
Mike High, Training Director  
7121 W. Schoolhouse Rd.  
Bartonville, IL 61607  
(309) 697-1357  
[www.iuoe649.org](http://www.iuoe649.org)

**Training Site:** 7121 Schoolhouse Rd. Bartonville, IL  
\$30 fee at time of application.

**Apprentice Opening Dates:**  
First 2 full weeks in October  
Monday - Friday 7 a.m. - 2 p.m.



# Painters & Allied Trades

Painters apply paint, stain, varnish and other finishes to buildings and other structures. They choose the right paint or finish for the surface to be covered, taking into account customers' wishes, durability, ease of handling and method of application. They first prepare the surfaces to be covered so the paint will adhere properly. This may require removing the old coat by stripping, sanding, wire brushing, burning or water and abrasive blasting. Painters also wash walls and trim to remove dirt and grease, fill nail holes and cracks, sandpaper rough spots and brush off dust. On new surfaces, they apply a primer or sealer to prepare them for the finish coat. Painters also mix paints and match colors, relying on knowledge of paint composition and color harmony. Paperhangers cover walls and ceilings with decorative wall coverings made of paper, vinyl or fabric. They first prepare the surface to be covered by applying "sizing," which seals the surface and makes the covering stick better. When redecorating, they may first remove the old covering by soaking, steaming, or applying solvents. When necessary, they patch holes and take care of other imperfections before hanging the new wall covering.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must be at least 18 years old; must have a high school diploma or G.E.D. certificate; must be a U.S. citizen or have filed for citizenship; must have a letter of 'intent to hire' from a prospective employer; must have reliable transportation; and must be physically fit to perform the job.

**APPRENTICESHIP PROGRAM:** The apprenticeship program runs for three years. Apprentices spend 960 hours in the classroom during the three years of the program. Apprentices receive on-the-job training for four days per week and attend school one day per week.

**WAGE INFORMATION:** Apprentices start at 40 percent of scale. See wage scales in back of this booklet.

**RECOMMENDED PREPARATORY CLASSES:** Mathematics, art and drafting classes.

**WORKING CONDITIONS:** Painters work both inside and out. Their jobs also require a considerable amount of climbing and bending. They must have stamina because much of the work is done with their arms raised overhead. Painters often work outdoors, but seldom in wet, cold or inclement weather. Painters and paperhangers risk injury from slips or falls off ladders and scaffolds. They may sometimes work with materials that can be hazardous if masks are not working or if ventilation is poor.

**ABILITIES:** Must be able to work at high levels with ladders and scaffolds; and must be able to lift at least 80 pounds.

**CONTACT:** Painters Local 157  
Steve Lefaver  
1905 Sequoia Dr #101  
Aurora, IL 60506  
(630) 966-1451

Apply Monday through Friday, 7 a.m. to 4:30 p.m.  
No application fee.



# Plasterers

Plasterers apply plaster to interior walls and ceilings to form fire-resistant and relatively sound-proof surfaces. They also apply plaster to veneer over drywall to create smooth or textured abrasion-resistant finishes. They apply durable plasters such as polymer-based acrylic finishes and stucco to exterior surfaces, and they install prefabricated exterior insulation systems over existing walls for good insulation and interesting architectural effects. In addition, they cast ornamental designs in plaster.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must be at least 18 years old; must present birth certificate; must have a high school diploma or a G.E.D. certificate; must have valid driver's licence and reliable transportation; must be a legal resident of the United States; and must be able to speak, read and write the English language.

**APPRENTICESHIP PROGRAM:** The apprenticeship program runs three to four years. Plasterers require approximately 144 classroom hours per year, 1,200 work hours.

**WAGE INFORMATION:** Apprentices start at 60 percent of scale. See wage scales in back of this booklet.

**RECOMMENDED PREPARATORY CLASSES:** Mathematics, mechanical drawing, science and Industrial Technology classes.

**WORKING CONDITIONS:** Plasterers work inside and out. Work may be somewhat seasonal. Workers must bend and kneel a lot.

**ABILITIES:** Must be able to lift heavy objects; must be able to work at high levels from ladders and scaffolds; must be able to handle a large amount of bending and stretching.

**CONTACT:** Plasterers & Cement Masons Local 18  
Dave Arnold  
7909 42nd Street West  
Rock Island, IL 61201  
(309) 787-8280

Applications are available first Monday of the month from 7 a.m. to 9 a.m. at all Local 18 locations. Subject to drug test at expense of JATC.



# Roofers

To protect buildings and their contents, roofers repair and install roofs of tar or asphalt and gravel, rubber, thermoplastic and metal; and shingles made of asphalt, slate, fiberglass, wood, tile or other material. Repair and reroofing provide many job opportunities for these workers. Roofers also may waterproof foundation walls and floors.

There are two types of roofs, flat and pitched (sloped). Most commercial, industrial and apartment buildings have flat or slightly sloping roofs. Most houses have pitched roofs. Some roofers work on both types, while others specialize.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must be at least 18 years old; must have a high school diploma or G.E.D. certificate; must show two pieces of identification; must have a valid driver's license; must pass a physical exam; must pass a drug test; must have reliable transportation; and must be able to speak, read, and write the English language.

**APPRENTICESHIP PROGRAM:** The apprenticeship program runs for four years with a minimum of 4,600 hours of on-the-job training. Apprentices attend 144 hours of classroom training during each of the four years of the program. Classes are held on Tuesday and Thursdays during the winter months; Tuesdays are 1st and 2nd level apprentices and Thursdays are 3rd and 4th year apprentices. Classes run October through March.

**WAGE INFORMATION:** Apprentices start at 60 percent of scale. See wage scales in back of this booklet.

**RECOMMENDED PREPARATORY CLASSES:** Algebra, geometry, mechanical drawing, reading comprehension and physical education classes.

**WORKING CONDITIONS:** Roofing work is strenuous. It involves heavy lifting, as well as climbing, bending and kneeling. Roofers risk injuries from slips or falls from scaffolds, ladders or roofs and burns from hot bitumen. Roofers work outdoors in all types of weather, particularly when making repairs. Roofs are extremely hot during the summer.

**ABILITIES:** Must be physically able to do the work of the trade; must be able to work at high levels; and must be able to work in confined spaces.

**CONTACT:** Roofers Local 69  
Steve Peterson  
3917 S.W. Adams  
Peoria, Illinois 61605  
309-673-8033

Applications taken Monday, Wednesday  
and Friday 8 a.m - 2 p.m.



# Sheet Metal Workers

Sheet metal workers make, install and maintain air conditioning, heating, ventilation and pollution control duct systems, roofs, siding, rain gutters, downspouts, skylights, restaurant equipment, outdoor signs, and many other building parts and products made from metal sheets. They may also work with fiberglass and plastic materials. Although some workers specialize in fabrication, (remove and plastic) installation or maintenance, most do all three jobs.

Sheet metal workers usually fabricate their products at a shop away from the construction site. They first study plans and specifications to determine the kind and quantity of materials they will need. They then measure, cut, bend, shape and fasten pieces of sheet metal to make duct work, counter tops, and other custom products. In an increasing number of shops, sheet metal workers use computerized metalworking equipment. This enables them to experiment with different layouts and to select the one that results in the least waste of material. They cut or form the parts with computer-controlled saws, lasers, shears and presses.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must be at least 18 years old; must have a high school diploma or G.E.D. certificate; must pass a mechanical aptitude test, coordination, (remove coordination) and personal interview; must have valid driver's license and reliable transportation; must pass a drug screening; must reside in local union jurisdiction; and must be sponsored by a signatory contractor.

**APPRENTICESHIP PROGRAM:** The apprenticeship program lasts for four years. Apprentices work for a contractor full-time and attend classes two nights per week.

**WAGE INFORMATION:** Apprentices start at 40 percent of scale. See wage scales in back of this booklet.

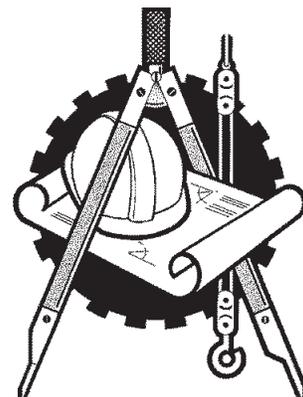
**RECOMMENDED PREPARATORY CLASSES:** Math - including algebra and trigonometry, science, drawing and welding classes are helpful as well as industrial technology classes.

**WORKING CONDITIONS:** Sheet metal workers work inside and outside in all types of weather conditions and sometimes in confined spaces.

**ABILITIES:** Must be able to work at high levels from ladders and scaffolds and must be able to lift heavy objects.

**CONTACT:** Sheet Metal Workers Local 1  
Carl Grubb, Training Coordinator  
840 W Birchwood  
Morton, IL 61550  
(309) 682-3141

Applications taken for a two week period when testing.  
Next testing in 2017.



# The United Association

## (Plumbers, Steamfitters & Sprinklerfitters)

Plumbers and steamfitters install, maintain and repair many different types of pipe systems. For example, some systems move water to a municipal water treatment plant and then to residential, commercial and public buildings. Others dispose of waste. Some bring in gas for stoves and furnaces. Other supply air-conditioning. Pipe systems in power plants carry the steam that powers huge turbines. Pipes also are used in manufacturing plants to move material through the production process.

Although plumbing and steamfitting are sometimes considered a single trade, workers generally specialize in one or the other. Plumbers install and repair the water, waste disposal, drainage and gas systems in homes and in commercial and industrial buildings. They also install plumbing fixtures. Steamfitters install and repair both high and low-pressure pipe systems that are used in manufacturing, in the generation of electricity, and in heating and cooling buildings. They also install automatic controls that are increasingly being used to regulate these systems. Sprinklerfitters install automatic fire sprinkler systems in buildings.

**APPRENTICESHIP PROGRAM REQUIREMENTS:** Must be at least 18 years old; must have a high school diploma or a G.E.D. certificate; must have a copy of transcripts; must have Social Security card; must have a valid driver's license and reliable transportation; must pass a physical exam, a drug test, and an aptitude test; and must show copy of a DD-214 (armed forces discharge), if applicable. Must be physically able to do the work. Applicant will have an oral interview.

**APPRENTICESHIP PROGRAM:** The apprenticeship program lasts five years with a minimum of 1,230 hours spent in classroom training. Apprentices work on-the-job five days a week. Apprentices attend school two nights a week from August - May during all five years of the program.

**WAGE INFORMATION:** Apprentices start at 40 percent of scale. See wage scales in back of this booklet.

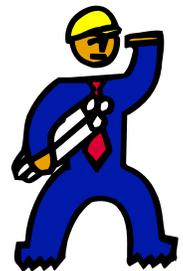
**RECOMMENDED PREPARATORY CLASSES:** Science, English, Communication Skills, Mathematics, mechanical drawing, business and industrial technology classes

**WORKING CONDITIONS:** Because plumbers, steamfitters and sprinklerfitters must lift heavy pipes, stand for long periods and sometimes work in uncomfortable or cramped positions, they need physical strength as well as stamina. They may have to work outdoors in inclement weather. They also are subject to falls from ladders, cuts from sharp tools and burns from hot pipes or from soldering equipment.

**ABILITIES:** Must be able to lift heavy objects; must be able to work in confined spaces; must have excellent work ethics; must be able to get along well with others; and must be able to work at high levels from scaffolds and ladders

**CONTACT:** Steamfitters Local 353  
Pat Faley, Training Coordinator  
6403 W Development Dr.  
Peoria, IL 61604  
(309) 633-1353

Plumbers Local 63  
Richard D. Branch, Coordinator  
116 Harvey Court  
East Peoria, IL 61611  
(309) 699-3570



Steamfitters: \$30 fee at time of application. Applications taken as needed. Call (309) 633-1353.

Plumbers: \$30 fee at time of application. Applications taken every two years, call (309) 699-3570.

# Wage Rates

<u>Craft</u>	<u>Base Wage</u>	<u>H/W</u>	<u>Ann. &amp; Pen</u>	<u>Apprentice</u>
Boilermakers	\$38.00	\$7.07	\$15.99	70%
Bricklayers	\$32.75	\$9.05	\$9.75	50%
Carpenters	\$30.88	\$8.00	\$15.71	50%
Cement Masons	\$28.77	\$7.75	\$15.90	70%
Electricians	\$34.66	\$6.50	\$11.68	40%
Elevator Constructors	\$41.69	\$13.575	\$14.21	% of wage
Glaziers	\$33.37	\$10.25	\$8.70	50%
Heat & Frost Insulators	\$43.35	\$11.47	\$12.16	50%
Iron Workers	\$32.19	\$9.49	\$13.91	60%
Laborers	\$25.70	\$7.70	\$16.21	75%
Operating Engineers	\$37.64	\$7.75	\$18.23	60-90%
Painters	\$34.60	\$10.30	\$8.20	40%
Plasterers	\$28.69	\$7.75	\$15.50	45%-90%
Roofers	\$30.83	\$8.70	\$7.72	60%
Sheet Metal Workers	\$32.43	\$9.12	\$15.55	50%
The United Association				
Plumbers	\$34.52	\$7.00	\$13.86	40%
Steamfitters	\$37.80	\$7.00	\$11.73	40%
Sprinklerfitters	\$38.62	\$8.52	\$14.95	40%

\*Wage Rates Subject to change and not guaranteed.

For informational purposes only. Please contact individual apprenticeship schools for current apprentice wage rates.

Dated 1-1-2016

# Apprenticeship Opening Dates

**(for more information, see the craft page)**

<b><u>Craft</u></b>	<b><u>Apprenticeship Opening Dates</u></b>
Boilermakers	Call the Hall at 309-266-7144, see page 2
Bricklayers	Wednesdays only, call 815-963-5336 or 309-694-3728
Carpenters	All year round, call 309-353-4232
Cement Masons	Call 266-5151
Electricians	First Thursday of every month 9 a.m. to 1 p.m. Call 673-6900
Elevator Constructors	All year round, call 309-671-5085
Glaziers	All year round, call 309-674-3870
Heat & Frost Insulators	Call Apprenticeship Hall, 773-247-8184
Iron Workers	May every two years, call 309-699-6489
Laborers	Monthly, call 217-773-2741
Operating Engineers	First 2 full weeks in October Monday-Friday 7 a.m. to 2 p.m.
Painters	All year round, call 309-674-9242
Plasterers & Cement Masons	Monday through Friday 8 a.m. to 10 a.m.
Roofers	All year round, Mon., Wed., Fri., 8 a.m. to 11 a.m. Call 309-673-8033
Sheet Metal Workers	call 309-682-3141 for information
The United Association	
Plumbers	Every two years, call the Hall 309-699-3570
Steamfitters	Call the Hall at 309-633-1353
Sprinklerfitters	Call 815-315-2671