

BUILD YOUR FUTURE

GUIDE TO UNION CONSTRUCTION APPRENTICESHIPS

NORTHEASTERN IL

PUBLISHED
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CONSTRUCTION INDUSTRY SERVICE CORPORATION

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Strengthen Your Foundation

Union Apprenticeships are the cornerstone of workforce development and the pathway to career opportunities in the construction industry. CISCO's Apprenticeship Guide provides information on the numerous Union Construction trades in Cook, Kane, DuPage, McHenry, Lake, and Kendall Counties.

By entering an Apprenticeship school, you will embark on a career of endless opportunities to learn a craft under the mentorship of seasoned Journeylevel workers, laying the foundation for a lifetime of success.

Through a combination of classroom instruction and paid hands-on experience, Apprentices learn everything from basic techniques to advanced skills. While on the job, the experience gained will build your skills and instill the importance of safety and the highest caliber of industry practices.

Throughout this "earn as you learn experience" – you will receive wages while learning from a formal training program and can enter the Trade of your choice tuition-free. Union Contractors offer competitive pay and benefits because they recognize the value of highly skilled Journeylevel workers and Apprentices. You will have access to premium health care, retirement plans, and other benefits that will provide long-term financial security.

Belonging to a Union means being part of a larger network of Trade workers who share your dedication to the industry and uphold industry standards. Union solidarity provides Apprentices with ongoing support and mentorship throughout their careers, navigating challenges and fostering professional growth.

Strengthen Your Career, Take The First Step



Dan Allen
Executive Director
CISCO

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Introduction to the Trades

Choosing a Career in Construction is more than building structures – it's about learning life-long skills, earning competitive wages, and accessing excellent benefits. Union Construction Apprenticeships offer a combination of classroom and hands-on experience training in many types of Trades. The industry's future continues to thrive, making it an excellent career path for long-term success and various opportunities. Whether you've already chosen a craft or are still undecided, this Guide will address numerous questions about pursuing a career in the Union Construction Building Trades.

Industry Glossary



Pre-Apprenticeship Program: A training program to equip individuals with skills and knowledge before entering a formal Apprenticeship program.

Apprentice: Someone who learns a trade through a formal Apprenticeship program, gaining hands-on experience and classroom knowledge.

Journeylevel: Successful completion of an Apprenticeship program.

"Sponsorship" or "Intent to Hire": A commitment from an employer to hire an individual for entry into the Union and Apprenticeship program.

Application Fees: Non-refundable fees to apply for Apprenticeship programs, typically payable by money order, cashier's check, or personal check.



Working Conditions & Physical Abilities

Outdoor Exposure

Physical Demands

Loud Noise Levels

Dust & Debris

Potential Hazardous Materials

Extreme Heights

Potential Irregular Hours

Safety Hazards

Teamwork

Required Travel

Heavy Lifting – up to 100 lbs

Digging

Climbing

Prolonged Standing

Manual Dexterity

Being on Time/Early

Hand-Eye Coordination

Balance

Agility

Stamina

Entry Process

2

Union Apprenticeship Centers typically have similar **entry requirements**. The standard criteria are outlined below. However, unique and specific requirements will be indicated throughout the Guide per Trade.

Basic Entry Requirements

- ☐ At least 18 years old
 - ☐ High School Diploma or G.E.D.
 - ☐ Birth Certificate
 - ☐ Valid Driver's License
 - ☐ Reliable Transportation
 - ☐ Pass an Aptitude Test
 - ☐ Physically Fit to Perform the Work
 - ☐ Pass a Urine and/or Hair Follicle Drug Test
 - ☐ Read, Write & Speak in English
- If applicable:** Military Training Certifications (DD-214)
- If applicable:** Welding Certifications



Reference Keys

Refer to the **Keys** for additional guidance on the entry process in each Trade.

Basic Entry Requirements
Applications Open Year Round
Applications Open Yearly
Applications Open Periodically
Previous Experience Beneficial
Sponsorship Required

Aptitude Test Prep

Union Construction Apprenticeships use a standardized aptitude test for entry. While some Trades' tests are more tailored to their specific skills, there is much overlap.

Test your math skills in **multiplication, fractions, decimals, measuring, and finding the area and perimeter.**

$$\begin{array}{r} 427 \\ \times 76 \\ \hline \end{array}$$

$$\begin{array}{r} 937 \\ \times 7 \\ \hline \end{array}$$

$$5\frac{2}{4} + \frac{2}{4} =$$

$$3/4 - 5/16 =$$

$$4\frac{6}{10} + \frac{4}{10} =$$

$$6\frac{3}{4} - 2 =$$

$$\begin{array}{r} 0.232 \\ \times 65 \\ \hline \end{array}$$

$$\begin{array}{r} 4.2 \\ \times 76 \\ \hline \end{array}$$

$$24.501 \div 3.875 =$$

$$1/2 \times 1/16 =$$

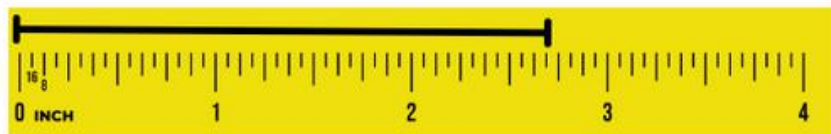
$$.018 \div 3.185 =$$

$$3/4 \times 4 =$$

$$13\% \text{ of } 185 =$$

$$\text{What percent of } 130 \text{ is } 19.50?$$

What **measurement** does each ruler read?



Test Prep Help



Refresh by starting with elementary math and level up.



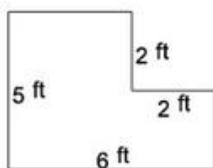
Khan Academy

KHANACADEMY.ORG

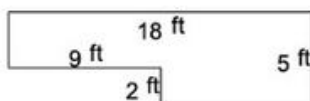
Aptitude Test Prep

4

Answers on Pages 59–60



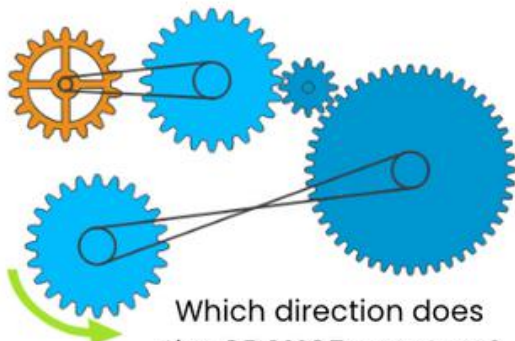
AREA: _____
PERIMETER: _____



AREA: _____
PERIMETER: _____

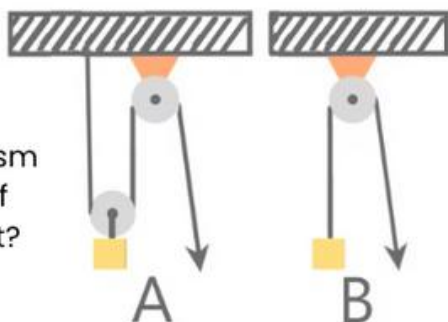


Which direction does the **BLUE** gear turn?

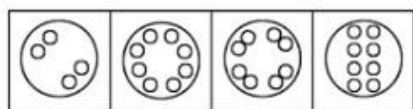
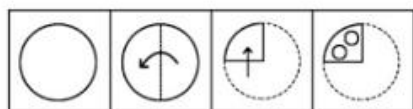


Which direction does the **ORANGE** gear turn?

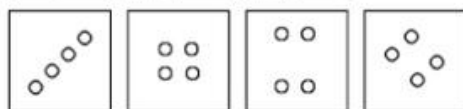
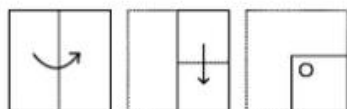
Which pulley mechanism **REDUCES** the effort of lifting a similar weight?



Learn **blueprint reading** skills by testing your ability to think in 3D.
Where are the holes punched after unfolding the paper?



(A) (B) (C) (D)



(A) (B) (C) (D)

Wages & Benefits

Union wages and benefits form the cornerstone of equitable compensation and support for workers within the construction industry. From prevailing wages that uphold the principle of equal pay for equal work, to health and welfare benefits negotiated to ensure workers' well-being throughout their careers and into retirement, Unions play a pivotal role in championing the rights and livelihoods of their members.



Union Wages

Hourly wages for Union construction workers are determined by various factors, such as level of experience, geographical region, specific trade, and the terms outlined in local collective bargaining contracts. These wage rates directly impact what workers receive in their paychecks. It's important to note that while hourly wages are what appear on the paycheck, benefits are typically paid by the employer in addition to the wage.

**1st Year Apprentice
Hourly Wage Range** >>> \$20 - \$26 hr

**Journeylevel Hourly
Wage Range** >>> \$45 - \$60 hr

**Average wages for
Northeastern Illinois
Union Building Trades**

Union Benefits



Total benefits packages include health and welfare benefits along with premium health insurance, pensions, and annuities that are in addition to the hourly wages paid to Union members. Premium health insurance coverage provides access to quality medical care for workers and their families, while pensions offer a reliable source of income during retirement, supplemented by annuities to ensure continued financial security. Certain Unions provide exclusive access to private health centers for members and their families, often at minimal to no cost.

**Typical
Benefits**



**Health Insurance,
Dental, Eye Care,
Pension & Annuity**

**Additional
Benefits**



**Vacation Fund, 401K
& Savings Plan**

Industry Benefits Glossary

Prevailing Wage: The hourly wage, benefits, and other forms of compensation established by collective bargaining agreements as the standard for a particular occupation or industry within a specific geographical area.

Hourly Wage vs. Total Benefits Package: The hourly wage rate for Union workers reflects the compensation for the work performed, which is reflected in the weekly paychecks. However, the total benefits package includes additional perks provided by the employer, such as health insurance and pensions.

Pension: A fund set up by an employer, a Union, or both, to provide financial support to employees after they retire. It serves as a form of retirement income.

Annuity: A financial product or investment that provides a series of payments made at equal intervals, typically used as a tool for retirement savings.

Health & Welfare: These benefits refer to a range of benefits provided by employers or Unions to employees, including health insurance, dental coverage, vision care, and other non-pension-related benefits.

Vacation Fund: Vacation Savings Benefits are paid to members whose contracts include this benefit. Vacation savings is an hourly amount paid to members by their employer and is included in their gross wages.

401K: A tax-advantaged retirement savings account that is offered through an employer. Contributions are typically made through payroll deductions. At age 59 ½, an employee can begin withdrawing funds to use in retirement.

Savings Fund: An employer-provided program enabling employees to save funds from their paychecks over an extended period, catering to diverse objectives such as retirement planning.

FAQs

Are Social Security Cards required?

Some Union Trades may not mandate a Social Security Number (SSN) or Individual Tax Identification Number (ITIN). However, some Locals do have this as a requirement.

Can a GED substitute for a High School Diploma?

While the majority of Union Trades accept either, there are specific trades that do not recognize the GED Math Certificate.

How do I request my High School transcripts?

Contact your high school directly about the specific process, which may involve filling out a form and possibly paying a fee. If your school is closed, the Illinois State Board of Education (ISBE) can guide you on where to find your records.

How do I request a copy of my Birth Certificate?

Apply through the Illinois Department of Public Health (IDPH). You'll need to provide personal details, proof of identity, and pay a fee.

Does a previous record affect opportunities in Union Trades?

Background checks are not typically conducted for entry as an Apprentice in most of the Union Trades. However, some Contractors may require background checks for specific job sites such as Federal buildings, Schools, Nuclear Power Plants, etc.

Do Unions and Contractors drug test?

Every Apprenticeship's entry process includes either a urine and/or hair follicle drug test to be accepted into the program. Some Unions conduct random drug tests throughout your career. It is also typical for a Contractor to require testing.



Scan for the most up-to-date information on CISCO's website.



Boilermaker

Boilermakers are highly skilled in the fabrication, assembly, and maintenance of boilers, pressure vessels, and related industrial equipment. These workers possess expertise in interpreting blueprints, using specialized tools, and welding components to construct robust and efficient systems. Their responsibilities may include precision cutting, shaping, and welding of metal parts, as well as conducting inspections and repairs.

No Pre-Apprenticeship

**Apprenticeship:
4 Years**

Minimum of 150 hours of Classroom training per year.

6,000 hours of PAID on-the-job training to complete program.

5% pay increase based on work hours, typically every 6 months until Journey level.

Estimated 1st Year Wages: \$31 hr

Basic Entry Requirements

Applications Open Year Round

Previous Experience Beneficial

ENTRY PROCESS:

- Complete application
- Submit copies of all required materials to Union Hall

Boilermakers Apprentice Center

5666 W. 95th Street
Oak Lawn, Illinois 60453

(773) 247-5225

BOILERMAKERSLOCALONE.COM

**Apprenticeship Coordinator:
Justin Gustafson**



Bricklayers & Allied Crafts

Bricklayer – Pointer Cleaner Caulker

Tile Layer – Tile Finisher – Terrazzo

Bricklayers are responsible for the installation of brick, stone, structural tile, marble, concrete block, pre-cast concrete panels (which may involve welding), fabricated masonry panels, and other masonry materials. Their work involves constructing or repairing walls, partitions, fireplaces, sewers, and various structures. Bricklayers are also skilled in installing firebrick linings in industrial furnaces.

Pointer Cleaner Caulkers, commonly known as Tuckpointers, specialize in the restoration and maintenance of masonry buildings. Their tasks include cleaning masonry surfaces, applying caulk, performing tuckpointing using various types of mortar and sealants, replacing lintels, and repairing deteriorating masonry and concrete structures. These skilled professionals play a key role in preserving and enhancing the appearance and structural integrity of buildings through meticulous and precise restoration work.

ENTRY PROCESS:

- Complete application
- Submit all required materials
- \$20 application fee
- Attend an orientation session
- Pass an aptitude test
- Pass physical assessment
- Top scores receive an interview
- Applicant is ranked based on all scores

Basic Entry Requirements

Applications Open Year Round

BAC DCI Training Center

2140 Corporate Drive
Addison, IL 60101

(630) 953-0835



BACADC1.ORG

BAC2SCHOOL.ORG

Apprenticeship Director:
Stan Kulasik

Bricklayers

Apprenticeship Coordinator:
Dave Adams

Pre-Apprenticeship:
11 Weeks

Monday-Friday
7AM-3:30PM

Apprenticeship:
3 Years

Minimum of 160 hours of Classroom training per year.

Minimum of 1,500 hours of on-the-job training per year.

Estimated 1st Year
Wages: \$21 hr

10% pay increase based on work hours, typically every 6 months until Journeylevel.

Pointer Cleaner Caulkers

Apprenticeship Coordinator:
Jose Miramontes

Can be 17 years
old to apply

SSN or ITIN
Needed

Monday-Friday
7AM-3:30PM

Pre-Apprenticeship:
8 Weeks

Minimum of 160 hours of Classroom training per year.

Minimum of 1,500 hours of on-the-job training per year.

Apprenticeship:
3 Years

Estimated 1st Year
Wages: \$25 hr

10% pay increase based on work hours, typically every 6 months until Journeylevel.

Bricklayers & Allied Crafts

Bricklayer - Pointer Cleaner Caulker

Tile Layer - Tile Finisher - Terrazzo

Tile Layers design and install ceramic, mosaic, quarry, marble, and decorative tiles, along with gauged porcelain panels. Their responsibilities extend to preparing substrates for tile installation and implementing crack isolation and waterproofing to ensure a durable and high-quality finish.

Tile Finishers play a role in the final stages of tile installation. Their responsibilities encompass grouting, cleaning, polishing, and handling of ceramic tiles and other materials installed by ceramic tile setters. They mix mortars used in the installation process. Other duties include unloading materials, covering finished floors, and efficiently cleaning and removing all waste and materials.

Terrazzo workers are skilled in crafting decorative surfaces by embedding small chips of marble, granite, or glass into a cement or epoxy binder. Using equipment, these workers grind and polish the terrazzo to achieve a smooth and lustrous finish in various materials such as flooring and countertops. There are two divisions, Terrazzo Finishers and Terrazzo Mechanics.

ENTRY PROCESS:

- Complete application
- Submit all required materials
- \$20 application fee
- Attend an orientation session
- Pass an aptitude test
- Pass physical assessment
- Top scores receive an interview
- Applicant is ranked based on all scores

Basic Entry Requirements

Applications Open Year Round

BAC DCI Training Center

2140 Corporate Drive
Addison, IL 60101

(630) 953-0835

BACADC1.ORG

BAC2SCHOOL.ORG

Apprenticeship Coordinator:
Mike Spatz

Tile Layers

Pre-Apprenticeship:
8 Weeks

Monday-Friday
7AM-3:30PM

10% pay increase for every 1,000 hours worked until Journeylevel.

Estimated 1st Year Wages: \$26 hr

8,000 hours of PAID on-the-job training to complete program.

Apprenticeship:
4 Years

Tile Finishers

Pre-Apprenticeship:
5 Weeks

Monday-Friday
7AM-3:30PM

Apprenticeship:
Estimated 2 Years

Minimum of 4,000 hours of PAID on-the-job training to complete program.

Estimated 1st Year Wages: \$22 hr

10% pay increase for every 1,000 hours worked until Journeylevel.

SSN or ITIN Needed

Terrazzo

Applications Open Periodically

No Pre-Apprenticeship

Minimum of 2,000 hours of PAID on-the-job training per year.

Apprenticeship:
2 Years

10% pay increase based on work hours, every 1,000 hours worked until Journeylevel.

Estimated 1st Year Wages: \$25 hr

Carpenter

General Carpentry – Concrete Form Builders

Floor Coverers – Mill Cabinet – Millwrights – Pile Drivers

General Carpenters covers commercial and residential carpentry. These workers interpret blueprints, construct and repair frameworks, and install fixtures, contributing to the structural integrity and aesthetics of buildings. Their expertise includes framing, finishing, and installing doors and windows.

Concrete Form Builders install the concrete formwork in the early stages of a building or other construction project. The Carpenter works with built-in-place forms, assembling and installing prefabricated forms on construction sites. They use layout tools, such as a robotic total station, to ensure the structure is located properly and then install spreaders, tie rods, anchors, and braces to prepare the forms for concrete to be poured in.

ENTRY PROCESS:

- Complete application
- Submit all required materials
- Pay \$25 application fee
- Attend an orientation session
- Pass an aptitude test
- Pass a drug test
- Pass physical assessment

SSN or ITIN
Needed

Basic Entry Requirements

Applications Open
Yearly

Can be 17 years
old to apply

Mid-America Regional Training Center

1256 Estes Avenue
Elk Grove Village, IL 60007

(847) 640-7373

MACTC.ORG



**Apprenticeship Director:
Craig Triplett**

General Carpentry

**Pre-Apprenticeship:
7 Weeks**

**Monday-Friday
8AM-4PM**

**Apprenticeship:
4 Years**

Minimum of 144 hours of Classroom training per year.

Minimum of 1,500 hours of PAID on-the-job training per year.

**Estimated 1st Year
Wages: \$18 hr**

10-15% pay increase based on work hours, typically every year until Journeylevel.

Can be Sponsored

**Previous Experience
Beneficial**

Concrete Form Builders

**Monday-Friday
8AM-4PM**

**Pre-Apprenticeship:
7 Weeks**

Minimum of 144 hours of Classroom training per year.

Minimum of 1,500 hours of PAID on-the-job training per year.

**Apprenticeship:
4 Years**

10-15% pay increase based on work hours, typically every year until Journeylevel.

**Estimated 1st Year
Wages: \$21 hr**

Carpenter

General Carpentry - Concrete Form Builders

Floor Coverers - Mill Cabinet - Millwrights - Pile Drivers

Floor Coverers install and maintain various flooring types in residential and commercial spaces, including hardwood, carpet, and vinyl. They handle precise cutting, fitting, and installation, along with floor preparation tasks for a smooth foundation.

Mill Cabinet are skilled professionals specializing in crafting and repairing cabinetry, wooden fixtures, architectural woodwork, and exhibit designs for Trade Shows. With precision, they transform raw materials into functional pieces by accurately measuring, marking, and cutting various materials according to blueprint specifications.

Millwrights handle equipment installation, maintenance, diagnosis, and repair, including compressors, pumps, conveyors, turbines, monorails, and extruders. They are essential in critical tasks across power plants, spanning coal, gas, nuclear, and alternative energy. Their expertise also extends to industries like automotive, aerospace, food processing, and pharmaceuticals.

Pile Drivers operate rigs to drive metal piling into the ground for structures and foundations, including skyscrapers and waterfront installations. Pile drivers excel in installing heavy timbers with crane and rigging skills. They also cut, join, and fasten metal construction materials using welding equipment and oxy-acetylene torches.

Can be 17 years
old to apply

MACTC.ORG

SSN or ITIN
Needed



Floor Coverers

For direct application, call **Local 1185:** (630) 325-4132

Basic Entry Requirements
Previous Experience Beneficial
Sponsorship Required

**Apprenticeship:
4 Years**

Mill Cabinet

For direct application, call **Local 1027:** (630) 323-1027

**Apprenticeship:
4 Years**

**Basic Entry
Requirements**
**Applications Open
Yearly**

Millwrights

For direct application, visit: **millwright1693.com**

Basic Entry Requirements
Previous Experience Beneficial
Sponsorship Required

**Apprenticeship:
4 Years**

Pile Drivers

For direct application, call **Local 54:** (708) 598-4554

**Apprenticeship:
4 Years**

**Basic Entry
Requirements**
**Previous Experience
Beneficial**
**Sponsorship
Required**

Cement Mason & Plasterer

Cement Mason - Plasterer

Cement Masons are responsible for placing and finishing concrete, applying coatings to concrete surfaces as well as patching and repairing concrete. Their expertise extends to various concrete applications, specializing in concrete floors, walls, paving, curb and gutters, epoxy floors, polished concrete, decorative concrete, and related tasks.

Plasterers specialize in finishing interior walls and ceilings. Their expertise extends to installing insulated finish systems, applying stucco to exterior walls and ceilings, and implementing soundproofing and fireproofing techniques for buildings. These professionals contribute to the aesthetic appeal, insulation, and safety features of various structures.

ENTRY PROCESS:

If you meet the entry requirements, call the **Local** directly for a Contractor List and Union Application.

**Basic Entry
Requirements**

**Previous Experience
Beneficial**

**Sponsorship
Required**

Local 502 & Area 5

739 S 25th Ave
Bellwood, IL 60104

(708) 544-9100

CMLOCAL502.COM



Local 11

1102 Rail Drive
Woodstock, IL 60098

(815) 527-7489

APPRENTICESHIPLOCAL11.COM

OPCMIALocal11.COM

Apprenticeship Coordinator:
Antonio Acevedo

Apprenticeship Coordinator:
Joe Savoia

Cement Masons

No Pre-Apprenticeship

**Can be 17 years
old to apply**

**Minimum of 144 hours of Classroom
training per year.**

**Apprenticeship:
4 Years**

**Minimum of 4,000 hours of PAID
on-the-job training to complete program.**

**10% pay increase based on work
hours, typically every year until
Journeylevel.**

**Estimated 1st Year
Wages: \$36 hr**

Plasterers

**Can be 17 years
old to apply**

No Pre-Apprenticeship

**Apprenticeship:
4 Years**

**Minimum of 144 hours of Classroom
training per year.**

**Minimum of 4,000 hours of PAID
on-the-job training to complete program.**

**Estimated 1st Year
Wages: \$25 hr**

**5% pay increase based on work
hours, typically every 6 months
until Journeylevel.**

Electrician

Electrician – Telecommunications – Outdoor

Electricians, also known as A-Card Electricians, assemble, install, maintain, and test various electrical equipment and supporting components. This includes power distribution systems, power generation mechanisms, energy storage solutions, and components related to renewable energy production. Whether engaged in constructing power distribution networks, installing renewable energy components, or maintaining energy inversion equipment, A-Card Electricians are integral to the successful implementation and sustainability of electrical systems.

ENTRY PROCESS:

- Complete application with the correct Local
- Submit copies of all requested materials
- \$20-\$50 application fee
- Scheduled for aptitude test
- Top scores receive an interview
- Drug test & physical assessment
- Background check

**SSN or ITIN
Needed**

Background Check

**First Year School:
11 weeks**

**Apprenticeship:
5 Years**

One full year of high school **algebra** with at least a "C," or one post high school algebra course with at least a "C."



900 hours of Classroom training.
8,000 hours of PAID on-the-job training.

Cook County: Local 134

**Basic Entry
Requirements**

**Applications Open
Year Round**

Local 134 Training Center

6201 W 115th Street
Alsip, IL 60803

(708) 389-1340

1,200 hours of Classroom training.

6,800 hours of PAID on-the-job training.

EJATT.COM

LUI34.ORG

**Estimated 1st Year
Wages: \$21 hr**

**5% pay increase based on work
hours, typically every 6 months
until Journeylevel.**

**Apprenticeship Director:
Gene Kent**

If the applicant wants to increase their rank score, the majority of Electrical Apprenticeship Centers offer the opportunity to re-apply every 180 days.

DuPage County: Local 701

Local 701 Training Center

28600 Bella Vista Parkway
Suite 1500
Warrenville, IL 60555

(630) 393-1701

**DUPAGEJATC.ORG
IBEW701.ORG**

**Basic Entry
Requirements**

**Applications Open
Year Round**

**Estimated 1st Year
Wages: \$20 hr**

**Apprenticeship Director:
TJ Jarman**

**10% pay increase based on work
hours, typically every 1,000 hrs
worked until Journeylevel.**

Electrician

Electrician – Telecommunications – Outdoor

Electricians, also known as A-Card Electricians, assemble, install, maintain, and test various electrical equipment and supporting components. This includes power distribution systems, power generation mechanisms, energy storage solutions, and components related to renewable energy production. Whether engaged in constructing power distribution networks, installing renewable energy components, or maintaining energy inversion equipment, A-Card Electricians are integral to the successful implementation and sustainability of electrical systems.

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**SSN or ITIN
Needed**

Background Check

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**First Year School:
11 weeks**

**Apprenticeship:
5 Years**

**900 hours of Classroom training.
8,000 hours of PAID on-the-job training.**



Kane & Kendall Counties: Local 461

**Basic Entry
Requirements**
**Applications Open
Yearly**

Local 461 Training Center

591 Sullivan Road
Suite 200
Aurora, IL 60506

(630) 897-0461

10% pay increase based on work hours, typically
every 1,500 hrs worked until Journeylevel.

IBEW461.ORG

**Estimated 1st Year
Wages: \$21 hr**

**Apprenticeship Director:
Michael Angelo**

Kane & McHenry Counties: Local 117

Local 117 Training Center

765 Munshaw Lane
Crystal Lake, IL 60014

(847) 854-7200

**Basic Entry
Requirements**
**Applications Open
Yearly**

IBEW117.COM

10% pay increase based on work hours, typically
every 1,500 hrs worked until Journeylevel.

**Apprenticeship Director:
Josh Sajtar**

**Estimated 1st Year
Wages: \$22 hr**

Lake County: Local 150

**Basic Entry
Requirements**
**Applications Open
Yearly**

Local 150 Training Center

31290 N US Highway 45
Libertyville, IL 60048

(847) 566-2200

10% pay increase based on work hours,
typically every 6 months until Journeylevel.

LAKECOUNTYJATC.ORG
IBEW150.ORG

**Estimated 1st Year
Wages: \$17 hr**

**Apprenticeship Director:
Bryan Sorensen**

Electrician

Electrician - **Telecommunications** - Outdoor

Telecommunications, commonly known as C-Card Electricians install and maintain low-voltage electrical systems. Some of those systems include data, voice, and TV cabling, closed-circuit television, security, and networking solutions. C-Card Electricians play a vital role in enhancing the functionality and security of buildings and facilities.

ENTRY PROCESS:

- Complete application with the correct Local
- Submit copies of all requested materials
- \$20-\$50 application fee
- Scheduled for aptitude test
- Top scores receive an interview
- Drug test & physical assessment
- Background check

**SSN or ITIN
Needed**

Background Check

One full year of high school **algebra** with at least a "C," or one post high school algebra course with at least a "C."

**First Year School:
11 weeks**

**Apprenticeship:
4 Years**



**720 hours of Classroom training.
6,400 hours of PAID on-the-job training.**

Cook County: Local 134

**Basic Entry
Requirements**

**Applications Open
Year Round**

Local 134 Training Center

6201 W 115th Street
Alsip, IL 60803

(708) 389-1340

1,200 hours of Classroom training.

6,800 hours of PAID on-the-job training.

EJATT.COM

LUI34.ORG

**Estimated 1st Year
Wages: \$21 hr**

**5% pay increase based on work
hours, typically every 6 months
until Journeylevel.**

**Apprenticeship Director:
Gene Kent**

If the applicant wants to increase their rank score, the majority of Electrical Apprenticeship Centers offer the opportunity to re-apply every 180 days.

DuPage County: Local 701

Local 701 Training Center

28600 Bella Vista Parkway
Suite 1500
Warrenville, IL 60555

(630) 393-1701

**DUPAGEJATC.ORG
IBEW701.ORG**

**Basic Entry
Requirements**

**Applications Open
Year Round**

**Estimated 1st Year
Wages: \$17 hr**

**Apprenticeship Director:
TJ Jarman**

**10% pay increase based on work
hours, typically every 1,000 hrs
worked until Journeylevel.**

Electrician

Electrician - **Telecommunications** - Outdoor

Telecommunications, commonly known as C-Card Electricians install and maintain low-voltage electrical systems. Some of those systems include data, voice, and TV cabling, closed-circuit television, security, and networking solutions. C-Card Electricians play a vital role in enhancing the functionality and security of buildings and facilities.

ENTRY PROCESS:

- Complete application with the correct Local
- Submit copies of all requested materials
- \$20-\$50 application fee
- Scheduled for aptitude test
- Top scores receive an interview
- Drug test & physical assessment
- Background check

**SSN or ITIN
Needed**

Background Check

One full year of high school **algebra** with at least a "C," or one post high school algebra course with at least a "C."

**First Year School:
11 weeks**

**Apprenticeship:
4 Years**



**720 hours of Classroom training.
6,400 hours of PAID on-the-job training.**

Kane & Kendall Counties: Local 461

**Basic Entry
Requirements**
**Applications Open
Yearly**

Local 461 Training Center

591 Sullivan Road
Suite 200
Aurora, IL 60506

(630) 897-0461

10% pay increase based on work hours, typically
every 1,500 hrs worked until Journeylevel.

IBEW461.ORG

**Estimated 1st Year
Wages: \$19 hr**

**Apprenticeship Director:
Michael Angelo**

Kane & McHenry Counties: Local 117

Local 117 Training Center

765 Munshaw Lane
Crystal Lake, IL 60014

(847) 854-7200

**Basic Entry
Requirements**
**Applications Open
Yearly**

IBEW117.COM

10% pay increase based on work hours, typically
every 1,000 hrs worked until Journeylevel.

**Apprenticeship Director:
Josh Sajtar**

**Estimated 1st Year
Wages: \$20 hr**

Lake County: Local 150

**Basic Entry
Requirements**
**Applications Open
Yearly**

Local 150 Training Center

31290 N US Highway 45
Libertyville, IL 60048

(847) 566-2200

10% pay increase based on work hours,
typically every 6 months until Journeylevel.

LAKECOUNTYJATC.ORG
IBEW150.ORG

**Estimated 1st Year
Wages: \$19 hr**

**Apprenticeship Director:
Bryan Sorensen**

Electrician – Telecommunications – **Outdoor**

Outdoor Electricians are experts in outdoor electrical projects, such as overhead powerlines, cable television and telephone infrastructure, government-related electrical tasks, tree trimming for line clearance, as well as the construction and distribution of electrical systems in outdoor environments.

ENTRY PROCESS:

- Choose division – Line Maintainer or Line Clearance
- Complete application
- Submit copies of all requested materials
- Scheduled for aptitude test
- Drug test & physical assessment

Basic Entry Requirements**Applications Open Periodically****Previous Experience Beneficial**


Valid **CDL-A** license is required at application

**Local 9 Training Center**

2643 Joseph Ct.
University Park, IL 60484

(708) 235-2960

IBEW9.ORG
IBEW9EDU.ORG

Apprenticeship Director:
Jeff Johnson

Entry Process Reminder

Union Apprenticeship Centers typically have similar **entry requirements**. The standard criteria are outlined below. However, unique and specific requirements will be indicated throughout the Guide per Trade.

! Basic Entry Requirements

- ☐ At least 18 years old
- ☐ High School Diploma or G.E.D.
- ☐ Birth Certificate
- ☐ Valid Driver's License
- ☐ Reliable Transportation
- ☐ Pass an Aptitude Test
- ☐ Physically Fit to Perform the Work
- ☐ Pass a Urine and/or Hair Follicle Drug Test
- ☐ Read, Write & Speak in English

If applicable: Military Training Certifications (DD-214)

If applicable: Welding Certifications



Reference Keys

Refer to the **Keys** for additional guidance on the entry process in each Trade.

Basic Entry Requirements
Applications Open Year Round
Applications Open Yearly
Applications Open Periodically
Previous Experience Beneficial
Sponsorship Required

Elevator Constructor

Elevator Constructors specialize in assembling, installing, and maintaining vertical transportation systems like elevators, escalators, and moving walkways. They read blueprints, connect electrical wiring, conduct rigorous testing, and troubleshoot malfunctions in control systems, motors, and switches. Their work, which includes preventive maintenance and compliance with safety regulations, guarantees that elevators and similar equipment meet specifications and adhere to building codes.

ENTRY PROCESS:

- Complete application
- Submit all required materials
- Pay \$25 application fee
- Pass an aptitude & tool test
- Scores above 70% will receive Interviews
- Applicants are ranked

Basic Entry Requirements

**Applications Open
Periodically**

**Previous Experience
Beneficial**

No Pre-Apprenticeship

**12 Month
Probationary Period**

**Minimum of 6,800 hours of PAID
on-the-job training.**

**Apprenticeship:
4 Years**

**Estimated 1st Year
Wages: \$29 hr**

**15% pay increase based on work hours,
typically every year until Journey level.**

Local 2 Training Center

5860 W. 111th Street
Chicago Ridge, IL 60415

(708) 907-7770

NEIEP.ORG

IUEC2.COM



**Apprenticeship Coordinator:
Edward Christensen**

Insulator

Insulators apply insulation materials to plumbing, HVAC systems, and building structures to prevent the passage of heat, cold, sound, or fire. Their tasks include measuring and cutting insulation, installing vapor barriers, and interpreting specifications to select the right insulation type. Their work ensures the effective insulation of systems and structures, promoting both energy efficiency and safety.

ENTRY PROCESS:

- Complete application
- Submit copies of all required materials
- Pass an aptitude test
- Pass physical assessment
- Pass drug test

Basic Entry Requirements

Applications Open Periodically

**Monday-Friday
7AM-3PM**

**Pre-Apprenticeship:
6 Weeks**

**Total minimum of 8,000 hours
of PAID on-the-job training.**

**Apprenticeship:
5 Years**

**Total minimum of 720 hours
of Classroom training.**

**Estimated 1st Year
Wages: \$27 hr**

**10% pay increase based on
work hours, typically every year
until Journeylevel.**

Local 17 Training Center
18520 Spring Creek Drive
Tinley Park, IL 60477

(708) 468-8000

LOCAL17INSULATORS.COM

**Apprenticeship Coordinator:
Shawn Craven**



What are the benefits of joining a Union?

Joining a Union provides numerous benefits, including fair wages, comprehensive health, and retirement benefits, job security, and opportunities for skill development and advancement. The construction and building trades provide a pathway to a debt-free career.

How do I become a member of a Union trade?

To join a Union construction trade, research the local Union office you are interested in. Follow their specific application process, which may include an Apprenticeship program.

What training and education can I expect from a Union?

The Union Trades offer a structured Apprenticeship program that combines on-the-job training with classroom instruction. This comprehensive approach ensures you develop both practical skills and a solid theoretical foundation.

Do I need prior experience to join a Union trade?

Prior experience is not always necessary. Many Union construction trades welcome individuals with varying levels of experience and provide training through their Apprenticeship programs.



Scan for the most up-to-date
information on CISCO's website.



Ironworker

Structural – Architectural/Building – Fence

Structural Ironworkers specialize in the installation of iron and steel components for buildings, bridges, and roads. They build new structures, contribute to demolitions and rehabs, and assemble steel frames for tall buildings. Using tools and welding equipment, they connect precut steel elements, ensuring structural integrity. These professionals also play a role in reinforcing concrete using materials like rebar, cables, and welded wire, crucial for the strength and stability of structures.

ENTRY PROCESS:

- Complete application
- Submit all required materials
- Pass aptitude test
- Pass agility test
- Interview with Union officials

Basic Entry Requirements

Applications Open Periodically

Previous Experience Beneficial

No Pre-Apprenticeship

Minimum of 700 hours of Classroom training to complete program.

Minimum of 4,000 hours of PAID on-the-job training per year.

Welding Experience Beneficial

Apprenticeship: 3 Years

5% pay increase based on work hours, typically every 6 months until Journey level.

Estimated 1st Year Wages: \$33 hr

Local 1 Training Center
7740 Industrial Drive
Forest Park, IL 60130

(708) 366-8181

IWLOCAL1.COM

Apprenticeship Coordinator:
Robert Bass



Ironworker

Structural – **Architectural/Building** – Fence

Architectural/Building workers perform fabrication & installation of window walls, glass, and metal rails, curtain walls, storefronts, glass & metal doors, door hardware, stairs, scaffolds, fire escapes, canopies, skylights & vault doors, and adjacent supports.

Fence workers are responsible for setting up, unloading, relocating, repairing, maintaining, laying out, and removing of chain link fences. These Ironworkers also work with sheet metal on fence frameworks, guard rails, erosion fences, snow fences, and much more.

ARCHITECTURAL/BUILDING ENTRY PROCESS:

- Complete **ACT WorkKeys Test**
- Complete application
- Submit all required materials
- Pass an agility test
- Pass a physical assessment
- Top scores receive an interview
- Applicant is ranked based on all scores

ACT WorkKeys is a test for job skills in Applied Math, Workplace Documents, and Graphic Literacy.

Applicants must pay and register directly with pre-approved locations.

Local 63 Training Center

2523 Lexington St
Broadview, IL 60155

(708) 345-6067

IWLOCAL63.COM



Apprenticeship Coordinator:
Jason Butz

Architectural/Building Ironworkers

Basic Entry Requirements
Applications Open Year Round
Previous Experience Beneficial

No Pre-Apprenticeship

Minimum of 200 hours of Classroom training per year.

Minimum of 1,400 hours of PAID on-the-job training per year.

Apprenticeship: 4 Years

10% pay increase based on work hours, typically every year until Journeylevel.

Estimated 1st Year Wages: \$26 hr

Fence Ironworkers

No Pre-Apprenticeship

Basic Entry Requirements
Sponsorship Required

Welding Experience Beneficial

Minimum of 160 hours of Classroom training per year.

Minimum of 1,400 hours of PAID on-the-job training per year.

Apprenticeship: 3 Years

Estimated 1st Year Wages: \$30 hr

Pay increase based on work hours, typically every year until Journeylevel.

Laborers play an essential role in ensuring efficiency and safety across a job site. Their expertise in construction spans a wide range of industries like environmental remediation, highways, waste management, bridges, tunnels, and municipal work. Some specialize in brick paving, scaffold assembly, small equipment operation, and demolition.

ENTRY PROCESS:

- Secure Sponsorship from Signatory Contractor
- Contractor must submit application on your behalf

Basic Entry Requirements
Previous Experience
Beneficial
Sponsorship Required

SSN or ITIN Needed

Minimum 10th Grade Education

Can be 17 years old to apply



Laborer Training Center

5700 W. Homer St.
 Chicago, IL 60639

(630) 653-0006

Laborer Training Center

1200 Old Gary Avenue
 Carol Stream, IL 60188

(630) 653-0006

Executive Director:
Keith Vitale

CHICAGOLABORERS.ORG

Apprenticeship Director:
John Retondo

Training Director:
Marcus Roberts

The Laborers' International Union of North America (LIUNA) is an American and Canadian Labor Union that was formed in 1903.

The Chicagoland District Council proudly includes 15 Locals that cover work in a 9-country area and offer specialized training in General Construction, Environmental, Safety, and Underground.

**Apprenticeship:
2 Years**

Minimum of 360 hours of Classroom training per year.

Minimum of 2,400 hours of PAID on-the-job training per year.

10% pay increase based on work hours, typically every 6 months until Journeylevel.

**Estimated 1st Year
Wages: \$29 hr**

**Permit Worker
Program**

**Must be 18 years
old to apply**

Contractors hire workers for up to 500 hrs during a calendar year, at full journeylevel wages and benefits.

Contractors are limited to no more than one Permit Worker for every 10 Laborers.

Permit Workers must be re-sponsored each year before beginning work.

Four calendar years is the maximum allowable for any Permit Worker.



Operating Engineer

Heavy Equipment Operator – Heavy Equipment Technician
Construction Material Inspector – Geothermal & Well Drilling

Heavy Equipment Operators work on projects in highway and building construction, mining, tollways, municipalities, tunnels, landscaping, power plants, refineries, railroads, and utility work such as gas, water, and sewer excavation. They operate equipment like cranes, bulldozers, front-end loaders, rollers, hoists, drills, and more.

Heavy Equipment Technicians spend considerable time troubleshooting challenges, as they detect and fix issues with various machinery and equipment. Their crucial role ensures seamless project progress by repairing malfunctioned machinery and maintaining project timelines. Their expertise contributes to the productivity of construction projects.

ENTRY PROCESS:

- Must be a resident of Local 150's jurisdictional area
- Complete specific division application
- \$25 application fee
- Pass a physical assessment
- Attend a 5-day evaluation of classroom and hands-on training
- Pass interview for entry
- After being accepted, wait to be called by dispatch

**Basic Entry
Requirements**
Previous Experience
Beneficial

Local 150 Training Center
19800 W South Arsenal Rd
Wilmington, IL 60481

(815) 722-3201

ASIPLocal150.ORG
LOCAL150.ORG



Apprenticeship Coordinator:
George Antos

Heavy Equipment Operator

No Pre-Apprenticeship

**Applications Open
Yearly**

Minimum of 240 hours of Classroom training, 192 field hours, and 3 equipment proficiencies.

Minimum of 6,000 hours of PAID on-the-job training per year.

**Apprenticeship:
4 Years**

10% pay increase based on work hours, typically every year until Journeylevel.

**Estimated 1st Year
Wages: \$28 hr**

Exact wages are determined by Equipment Certifications.

Heavy Equipment Technician

No Pre-Apprenticeship

**Applications Open
Year Round**

**Welding Experience
Beneficial**

Minimum of 862 hours of Classroom training and 192 field hours.

**Apprenticeship:
4 Years**

Minimum of 8,000 hours of PAID on-the-job training to complete program.

10% pay increase based on work hours, typically every year until Journeylevel.

**Estimated 1st Year
Wages: \$28 hr**

Exact wages are determined by Equipment Certifications.

Operating Engineer

Heavy Equipment Operator - Heavy Equipment Technician
Construction Material Inspector - Geothermal & Well Drilling

Construction Material Inspectors are highly trained and certified to provide testing and inspection services. They study the durability, strength, and characteristics of materials used to build structural elements. Inspections are performed on a wide variety of construction processes and materials to confirm compliance with applicable codes and/or project specifications.

Geothermal & Well Drilling is a rapidly growing section of the "Green" energy movement. This type of system involves the drilling of deep holes in the ground that pipes are installed into and fluid circulated to exchange heat with the ground. These tasks require highly skilled, properly trained workers to ensure the work is performed safely and efficiently while protecting our ground water resources.

ENTRY PROCESS:

- Must be a resident of Local 150's jurisdictional area
- Complete specific division application
- \$25 application fee
- Pass a physical assessment
- Attend a 5-day evaluation of classroom and hands-on training
- Pass interview for entry
- After being accepted, wait to be called by dipatch

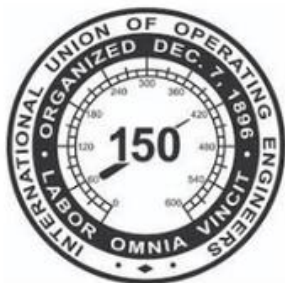
Basic Entry Requirements

**Previous Experience
Beneficial**

Local 150 Training Center
 19800 W South Arsenal Rd
 Wilmington, IL 60481

(815) 722-3201

**ASILOCAL150.ORG
 LOCAL150.ORG**



**Apprenticeship Coordinator:
 George Antos**

Construction Material Inspector

No Pre-Apprenticeship

**Applications Open
Year Round**

Minimum of 144 hours of Classroom training

**Minimum of 6,000 hours of PAID
on-the-job training per year.**

**Apprenticeship:
4 Years**

**10% pay increase based on work hours, typically every
year until Journeylevel.**

**Estimated 1st Year
Wages: \$25 hr**

**Exact wages are determined by
Equipment Certifications.**

Geothermal & Well Drilling

No Pre-Apprenticeship

**Applications Open
Year Round**

**Welding Experience
Beneficial**

Minimum of 144 hours of Classroom training.

**Apprenticeship:
4 Years**

**Minimum of 6,000 hours of PAID
on-the-job training to complete
program.**

**10% pay increase based on work hours, typically every
year until Journeylevel.**

**Estimated 1st Year
Wages: \$24 hr**

**Exact wages are determined by
Equipment Certifications.**

Painters & Allied Crafts

Painters & Decorators - Drywall Finishers - Glaziers

Painters & Decorators apply paint, stain, varnish, and specialty finishes and coatings to residential, commercial, and industrial surfaces and structures.

Drywall Finishers, also called Tapers, prepare unfinished interior drywall panels for painting by taping and finishing joints and imperfections within the drywall.

ENTRY PROCESS:

- Complete application
- Submit copies of all required materials
- Schedule appointment with Training Center
- \$25 application fee
- Secure sponsorship

Basic Entry Requirements

Previous Experience Beneficial

Sponsorship Required

60 Day Probationary Period

SSN or ITIN Needed

Finishing Trades Institute of DC 14 Chicago

1101 Taft Avenue
Berkeley, IL 60163

(708) 449-5282

PDC14.COM
FTICHI.ORG

Apprenticeship Director:
Dan Penski Jr.



Painters & Decorators

No Pre-Apprenticeship

Minimum of 960 hours of Classroom training.

**Apprenticeship:
3 Years**

**Minimum of 3,200 hours of PAID
on-the-job training.**

**Pay increase based on work hours,
typically every year until
Journeylevel.**

**Estimated 1st Year
Wages: \$20 hr**

Drywall Finishers

No Pre-Apprenticeship

Minimum of 480 hours of Classroom training.

**Minimum of 3,700 hours of PAID
on-the-job training.**

**Apprenticeship:
2 Years**

**Estimated 1st Year
Wages: \$20 hr**

**Pay increase based on work hours,
typically every year until Journeylevel.**

Painters & Allied Crafts

Painters & Decorators – Drywall Finishers – **Glaziers**

Glaziers install storefront framing, curtain walls, unitized systems, metal doors, glass doors, door hardware, automatic doors, glass panels, glass railings, skylight systems, insulated glass, photovoltaic glass, shower doors, glass in wood and metal or composite frames and are certified in welding.

ENTRY PROCESS:

- Complete application
- Submit copies of all required materials
- Schedule appointment with Training Center
- \$25 application fee
- Secure sponsorship

Basic Entry Requirements

Previous Experience Beneficial

Sponsorship Required

No Pre-Apprenticeship

SSN or ITIN Needed

Welding Experience Beneficial

Minimum of 570 hours of Classroom training.

Minimum of 4,200 hours of PAID on-the-job training.

Apprenticeship: 3 Years

10% pay increase based on work hours, typically every 6 months until Journey level.

Estimated 1st Year Wages: \$24 hr

**Cook & Lake County
Local 27 Training Center**
4225 Lawndale Avenue
Lyons, IL 60534

(708) 443-9000

GLAZIERS27.ORG

**Apprenticeship Director:
Brian Beitz**



Industry Glossary

Union Indentured: A legally binding contract between an Apprentice and a Union, detailing the terms and conditions of the Apprenticeship.

Foreman: A supervisory position on a construction site or in a shop, responsible for coordinating the work of a group of workers or a specific project.

Superintendent: A higher-ranking management position in construction or other industries, managing multiple projects and ensuring their successful completion.

Steward: A Union member elected or appointed to represent and advocate for the interests of fellow Union members within a specific workplace or department.

Business Agent or Business Manager: A Union representative who manages the daily business matters of a Labor Union. This position is held by an elected Union Officer who acts as a liaison between the Union, Union members, and Contractors.

Apprenticeship Director/Coordinator: This Training Center member leads their respective Trade Apprenticeship program. They assist with orientations and Union indenture policies and coordinate required training. The Director also monitors the Apprentice's progress and measures compliance with Apprenticeship standards.

Union: An organized association of workers, often in a specific industry or trade, formed to protect and promote their collective interests, such as fair wages, safe working conditions, and benefits.

Local: In the context of a Union, "Local" refers to a branch or chapter that operates within a specific geographical area, serving as a regional representation of the larger Union.

Hiring Hall: A strict hiring system that some Trades use to connect Union members to employment. This system operates by referring those on the out-of-work list, usually called in order of layoffs, to available jobs.

Painters & Allied Crafts

Painters & Decorators – Drywall Finishers – Glaziers

Painters & Decorators apply paint, stain, varnish, and specialty finishes and coatings to residential, commercial, and industrial surfaces and structures.

Drywall Finishers, also called Tapers, prepare unfinished interior drywall panels for painting by taping and finishing joints and imperfections within the drywall.

ENTRY PROCESS:

- Complete application
- Submit copies of all required materials
- Schedule appointment with Training Center
- \$25 application fee
- Secure sponsorship

Basic Entry Requirements

Previous Experience Beneficial

Sponsorship Required

60 Day Probationary Period

SSN or ITIN Needed

North Central Illinois Finishing Trades Institute

1905 Sequoia Drive
Suite 101
Aurora, IL 60506

(630) 966-1451

PDC30.COM



**Apprenticeship Director:
Stephen Lefaver**

DuPage, Kane, Kendall & McHenry Counties

Painters & Decorators

No Pre-Apprenticeship

Minimum of 960 hours of Classroom training.

**Apprenticeship:
3 Years**

**Minimum of 3,000 hours of PAID
on-the-job training.**

**Pay increase based on work hours,
typically every year until
Journeylevel.**

**Estimated 1st Year
Wages: \$20 hr**

Drywall Finishers

No Pre-Apprenticeship

Minimum of 480 hours of Classroom training.

**Minimum of 4,000 hours of PAID
on-the-job training.**

**Apprenticeship:
2 Years**

**Estimated 1st Year
Wages: \$20 hr**

**Pay increase based on work hours,
typically every year until Journeylevel.**

Painters & Allied Crafts

Painters & Decorators – Drywall Finishers – **Glaziers**

Glaziers install storefront framing, curtain walls, unitized systems, metal doors, glass doors, door hardware, automatic doors, glass panels, glass railings, skylight systems, insulated glass, photovoltaic glass, shower doors, glass in wood and metal or composite frames and are certified in welding.

ENTRY PROCESS:

- Complete application
- Submit copies of all required materials
- Schedule appointment with Training Center
- \$25 application fee
- Secure sponsorship

Basic Entry Requirements

Previous Experience Beneficial

Sponsorship Required

SSN or ITIN Needed

No Pre-Apprenticeship

Minimum of 4,200 hours of PAID on-the-job training.

**Apprenticeship:
3 Years**

Minimum of 570 hours of Classroom training.

**Estimated 1st Year
Wages: \$16 hr**

Welding Experience Beneficial

10% pay increase based on work hours, typically every 6 months until Journey level.

**DuPage, Kane, Kendall
& McHenry Counties
Glaziers Local 157
840 W Birchwood
Morton, Illinois 61550**

(309) 338-1249



**Apprenticeship Director:
Stephen Lefaver**

Notes



Scan for the most up-to-date
information on CISCO's website.



Pipefitter

Building Trades Pipefitter – Gas Distribution Pipefitter HVAC Service Pipefitter

Building Trades Pipefitters are responsible for measuring, fabricating, connecting, installing, and maintaining piping systems – systems that carry steam, air, natural gas, chemical, hydraulic, heating, cooling, and more. Pipefitters work in many areas such as chemical, food processing, nuclear plants, steel mills, hospitals, as well as residential and commercial buildings.

Gas Distribution Pipefitters install and maintain plastic and steel gas mains, services, and metering equipment. Typically operating outdoors within excavations, their work spans diverse environments including residential, rural farmland, metering stations, and storage facilities.

HVAC Service Pipefitters specialize in maintaining and repairing systems for heating, cooling, and refrigeration. Their areas of work encompass residential and commercial spaces, as well as industrial environments like nuclear plants and factories.



ENTRY PROCESS:

- Attend an Application Day at the Training Center
- Complete application
- \$20 application fee
- Complete Personal Experience Form
- Receive a scheduled aptitude test date
- Applicants are ranked based on scores
- Apprentices are selected by those scores

Basic Entry Requirements
Applications Open Year Round
Previous Experience Beneficial

Local 597 Training Center

10850 W. 187th St.
Mokena, IL 60448

(708) 326-9240
ASutter@pftf597.org



PFTF597.ORG
PF597.ORG

Admissions Director:
Adam Sutter

Building Trades Pipefitter

Monday-Friday
7AM-3:30pm

Pre-Apprenticeship:
11 Weeks

Minimum of 460 hours of Classroom
training per year.

Minimum of 1,100 hours
of PAID on-the-job training per year.

Apprenticeship:
5 Years

Pay increases based on work
hours, typically every year
until Journeylevel.

**Estimated 1st Year
Wages: \$22 hr**

Gas Distribution Pipefitter

Pre-Apprenticeship:
11 Weeks

Monday-Friday
7AM-3:30PM

Minimum of 460 hours of Classroom training per year.

Apprenticeship:
5 Years

Minimum of 1,100 hours
of PAID on-the-job training per year.

Pay increases based on work
hours, typically every year
until Journeylevel.

**Estimated 1st Year
Wages: \$22 hr**

HVAC Service Pipefitter

Pre-Apprenticeship:
11 Weeks

Monday-Friday
7AM-3:30PM

Apprenticeship:
5 Years

Minimum of 460 hours of Classroom
training per year.

Minimum of 1,100 hours
of PAID on-the-job training per year.

**Estimated 1st Year
Wages: \$22 hr**

Pay increases based on work
hours, typically every year
until Journeylevel.

Plumbers – Technical Engineers

Plumbers read plans and safely, accurately, and efficiently install and maintain various plumbing systems. This includes working on underground water supply, stormwater, sewer drainage, fixture installation, and waste and vent piping, both inside and outside of buildings. Plumbers perform crucial tasks in residential, commercial and service plumbing.

Technical Engineers conduct highly precise measurements, directing the construction of structures. Their role involves determining the precise locations and alignments for various elements in a construction project, including roads, bridges, skyscrapers, railways, and dams. Technical Engineers play a crucial role in ensuring that construction projects are executed with accuracy and precision, guiding both horizontal and vertical placements to meet design specifications.

ENTRY PROCESS:

- Complete application
- Submit all required materials
- Pay \$50 application fee
- Pass aptitude test
- Pass agility test
- Applicants are ranked based on scores
- Apprentices are selected by those scores

**Basic Entry
Requirements
Applications Open
Yearly**



Local 130 Training Center
1400 W Washington Blvd
Chicago, IL 60607

(312) 421-1028

PLUMBERSLU130UA.COM



Apprenticeship Director:
Anthony Rottman

Apprenticeship Coordinator:
Paul Tran

Plumbers



Pre-Apprenticeship:
1 Week

Monday-Friday
7AM-3:30PM

Apprentices attend Classroom training
1 day a week for 3 years.

Minimum of 1,100 hours
of PAID on-the-job training per year.

Apprenticeship:
5 Years

Pay increases based on work
hours, typically every 6 months
until Journeylevel.

Estimated 1st Year
Wages: \$20 hr

Many Unions require new Apprentices to pass an **agility test** to determine the person's physical strength and abilities. Each Union's agility test is custom to their respective Trade and common tasks.

The Plumber's **Lift Test** requires all applicants to safely lift **76lbs** and place on a **96"** shelf (8ft), comparing it to installing cast iron pipe.

Technical Engineers

Pre-Apprenticeship:
1 Week

Monday-Friday
7AM-3:30PM

Apprenticeship:
5 Years

Attends evening classes for 4 years.

Minimum of 1,100 hours
of PAID on-the-job training per year.

Estimated 1st Year
Wages: \$20 hr

10% pay increase based on work
hours, typically every year until
Journeylevel.

Riggers, Machinery Movers & Erectors

Riggers specialize in the precise and safe handling of large or heavy machines and hauling loads. This involves moving, lifting, landing, or assembling objects, often in challenging or remote environments. The role requires a unique combination of creative problem-solving, acquired skills, and in-depth knowledge to ensure the secure execution of these operations.

ENTRY PROCESS:

- Complete application
- Submit all required materials
- \$20 application fee
- Pass aptitude test
- Pass physical assessment
- Interview with Training Center
- Pass yearly drug test

Basic Entry Requirements

Applications Open Year Round

Previous Experience Beneficial

No Pre-Apprenticeship

Minimum of 208 hours of Classroom training per year.

**Apprenticeship:
3 Years**

700-1,500 hours of PAID on-the-job training per year.

10% pay increase based on work hours, typically every year until Journey level.

Estimated 1st Year Wages: \$33 hr



Riggers Local 136

1820 Beach Street
Broadview, IL 60155

(708) 615-9300

RIGGERSLOCAL136.COM

**Apprenticeship Director:
Adam Kwolek**

Roofers & Waterproofers

Roofers apply hot and cold build-up for roofing, various single-ply low slope roofing systems, and install shingle, tile, and slate steep roof systems. Additionally, roofers are responsible for waterproofing foundations, paver systems on plaza decks, coatings, and traffic coatings, as well as lining ponds and tanks. Roofers also install environmentally friendly green roofing systems along with solar panel racking brackets.

Basic Entry Requirements

Previous Experience
Beneficial

Sponsorship
Required

ENTRY PROCESS:

- Secure sponsorship or be placed on waitlist

No
Pre-Apprenticeship

SSN or ITIN
Needed

Apprenticeship:
5 Years

Minimum of 5,500 hours of PAID on-the-job training.

5-10% pay increases based on work hours until Journeylevel.

Local 11 Training Center

7045 Joliet Road
Indian Head Park, IL 60525

(708) 246-4488

CHICAGOROOFERS.ORG

ROOFERSLOCAL11.ORG

Apprenticeship Director:
Kevin Coleman

Estimated 1st Year
Wages: \$27 hr



Sheet Metal Worker

Sheet Metal Worker – Sheet Metal HVAC Service Technician

Sheet Metal Workers install and service HVAC systems and fabricate ductwork. They work on flashings, lockers, roofing, and wall panels, using materials like steel, copper, and aluminum. The process involves shearing, forming, welding, and assembling. They operate in industrial, commercial, residential, and construction sites.

Sheet Metal HVAC Service Technicians work across various job sites, installing and testing HVAC systems to guarantee their safe and efficient operation. This work sometimes requires operating in hazardous conditions, such as during severe weather events. Other opportunities in this trade are Fabricator, System Evaluator, Energy Consumption Manager, and Service Manager, offering a diverse range of career paths.

ENTRY PROCESS:

- Complete application
- Submit all required materials
- \$20-\$25 application fee
- Pass aptitude test
- Applicants are ranked based on scores
- Apprentices are selected by those scores
- Pass drug test
- Pass physical assessment

Basic Entry Requirements

Applications Open Yearly

Previous Experience Beneficial

60 Day
Probationary Period

Can be 17 years
old to apply

Local 73 Training Center

2701 Van Buren Street
Bellwood, IL 60104

(708) 544-5711

SMW73.ORG

Local 265 Training Center

205 Alexandra Way
Carol Stream, IL 60188

(630) 668-0110

SMART265.ORG

SMART265ED.ORG

SHEET METAL | AIR | RAIL | TRANSPORTATION

SMART

Apprenticeship Director:
Sean Mulhearn

Apprenticeship Director:
Dennis Moran

Cook & Lake County: Local 73

**Monday-Friday
7AM-3:30PM**

**Pre-Apprenticeship:
10 Weeks**

**Apprenticeship:
4 Years**

**Minimum of 1,360 hours of
Classroom training.**

**Estimated 1st Year
Wages: \$17 hr**

**5% pay increase based on
work hours, typically every
6 months until Journeylevel.**

DuPage, Kane, Kendall & McHenry County: Local 265

**Pre-Apprenticeship:
10 Weeks**

**Monday-Friday
7AM-3:30PM**

**Minimum of 1,000 hours of
Classroom training.**

**Apprenticeship:
5 Years**

**5% pay increase based on
work hours, typically every
6 months until Journeylevel.**

**Estimated 1st Year
Wages: \$17 hr**

Sprinkler Fitter

Sprinkler Fitters specialize in fire protection systems. Their role encompasses the installation, inspection, testing, repair, and maintenance of various extinguishing systems, with a primary focus on automatic sprinkler systems. Beyond sprinklers, these workers install and service an array of fire protection equipment, including standpipes, carbon dioxide systems, halon systems, foam systems, fire extinguishers, kitchen hoods, and dry chemical systems.

ENTRY PROCESS:

- Complete application
- Submit all required materials
- \$25 application fee
- Pass aptitude test
- Interview with Training Center
- Pass drug test

**Basic Entry
Requirements**
**Applications Open
Periodically**

**Monday-Friday
7AM-3:30PM**

**Pre-Apprenticeship:
2 Weeks**

**Apprenticeship:
5 Years**

**Minimum of 880 hours of Classroom
training per year.**

**Minimum of 6,000 hours
of on-the-job training per year.**

**5% pay increase based on work hours,
typically every 6 months until Journey level.**

**Estimated 1st Year
Wages: \$23 hr**

Local 281 Training Center
11900 South Laramie Ave
Alsip, IL 60803

(708) 597-1800

SPRINKLERFITTERCHICAGO.ORG



**Apprenticeship Director:
Alan Crawford**

Teamster

Teamsters work includes loading and unloading construction materials and equipment safely and efficiently, and transporting materials to and from construction sites. They also operate heavy-duty trucks and specialized vehicles such as dump trucks, flatbeds, and tractor-trailers, while navigating roads and construction sites.

ENTRY PROCESS:

- Complete application
- Submit all required materials
- \$25 application fee
- Pass DOT physical
- Interview with Training Center
- Pass DOT drug test

Basic Entry Requirements

Previous Experience Beneficial

Classroom Hours

**Monday-Friday
7AM-2PM**

Minimum of 200 hours of Classroom training.

**Minimum of 4,000 hours
of on-the-job training.**

**Apprenticeship:
4 Years**

**Clean Driving Record
2 Years Prior**

**Estimated 1st Year
Wages: \$26 hr**

Teamster Training Center
990 NE Frontage Rd
Suite 4
Joliet, IL 60431

(815) 773-0700

ILLINOISTEAMSTERSTRaining.ORG

**Apprenticeship Director:
Michael Borjas**

**10% pay increase based on work hours,
typically every year until Journeylevel.**



Test Prep Answers

$$\begin{array}{r} 427 \\ \times 76 \\ \hline 32,452 \end{array}$$

$$\begin{array}{r} 937 \\ \times 7 \\ \hline 6,559 \end{array}$$

$$5\frac{2}{4} + \frac{2}{4} = 6$$

$$3/4 - 5/16 = 7/16$$

$$\begin{array}{r} 0.232 \\ \times 65 \\ \hline 15.08 \end{array}$$

$$\begin{array}{r} 4.2 \\ \times 76 \\ \hline 319.2 \end{array}$$

$$4\frac{6}{10} + \frac{4}{10} = 5$$

$$6\frac{3}{4} - 2 = 4\frac{3}{4}$$

$$24.501 \div 3.875 = 6.32$$

$$1/2 \times 1/16 = 1/32$$

$$.018 \div 3.185 = .0057$$

$$3/4 \times 4 = 3$$

$$13\% \text{ of } 185 = 24.05$$

$$\text{What percent of } 130 \text{ is } 19.50? \quad 15$$


 $3\frac{1}{4}''$
 $2\frac{11}{16}''$

 $2''$

Test Prep Help

Refresh by starting with elementary math and level up.

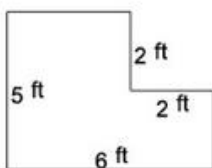


Khan Academy

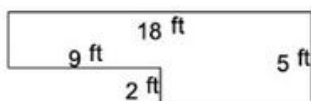
KHANACADEMY.ORG

Test Prep Answers

60



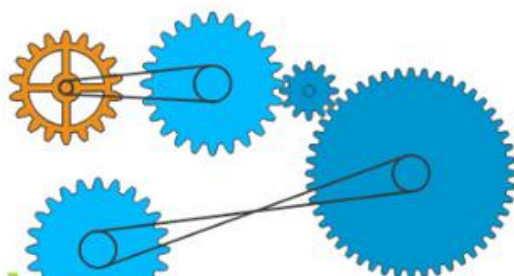
AREA: 26 sq ft
PERIMETER: 22 ft



AREA: 72 sq ft
PERIMETER: 46 ft



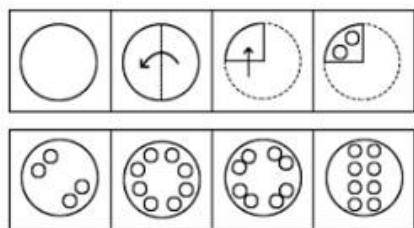
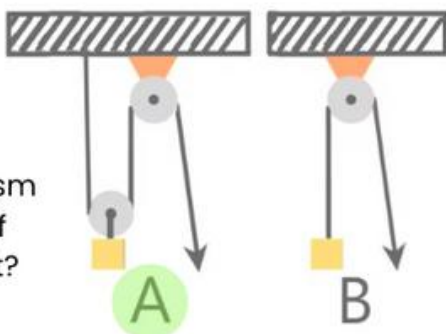
Which direction does the **BLUE** gear turn?



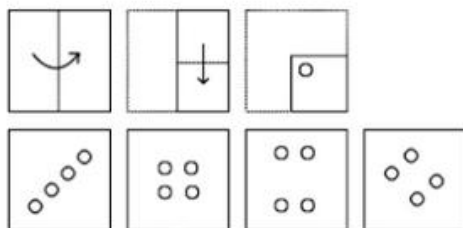
Which direction does the **ORANGE** gear turn?



Which pulley mechanism **REDUCES** the effort of lifting a similar weight?



(A) (B) (C) (D)



(A) (B) (C) (D)



CISCO expresses gratitude and recognition to the Unions, Locals, Apprenticeship Training Centers, Signatory Contractors, Associations, Non-Profit Training Organizations, City and State Officials, and Industry-Related Businesses for their continuous support to CISCO and the Northeastern IL Union Construction Industry.

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