



Training Americans

For Industrial

Gold Collar/Skilled

Jobs/Careers

# Contents

- General Information on Skilled Trades
- Skilled Trades (Apprenticeship Programs)
- Technical Degrees (Certificates) @ Joliet Junior College
- Manufacturing/Utilities/ Petrochemical Facilities/Careers



## What questions will be answered today?????

- How do I get Into a Trade?
- What is it like to work in a trade/manufacturing facility?
- What does the application process look like?
- What if I do not get into my chosen trade/career immediately?  
Other options??
- What type of manufacturing jobs are available upon graduation??
- Other careers/questions??

## Today's Work Realities

- At least some **postsecondary education or training** is becoming the entry-level requirement for many "gold collar" jobs.
- Most industrial employers have a "**tuition Refund**" program that assists their employees in tuition and other expenses for taking job related classes in College while working.
- An "**apprenticeship program**" is an on-the-job paid training program. You earn and learn at the same time.
- If you have applied for an apprenticeship program(s) and are waiting for a response, continue to follow up. While waiting, consider increasing your skill set level by attending JJC in one of the "Technical Programs" listed inside this brochure while working part/full time gaining other valuable work experience.

# Are You Ready For An Apprenticeship????

- A rewarding but demanding choice
- Requires determination, commitment, attitude and physical conditioning to succeed
- Apprenticeship graduates average \$45,000 to \$60,000 per year depending on career and region of country
- The ability to “learn and earn” (no college debt)
- Develop a skillset that is in demand by high tech industries
- A journey level worker receives excellent wages and benefits

# Apprentice Benefits

- Nationally recognized
- Improved skills and competencies
- Higher wages as skills increase
- Career advancement
- Continuing training at local union training centers
- Excellent benefit packages (including pension)
- Job flexibility

# Typical Apprenticeship Requirements

- High school diploma or G.E.D certificate
- Birth certificate (authorization to work in USA)
- Pass pre-employment aptitude testing (math/reading/writing/charts/graphs/assembly etc.)
- Pass alcohol/drug screen (remain fit for duty during training/employment)
- 18 years of age upon starting
- Valid drivers license and clean driving record (good transportation)
- If military record, a DD214 is required
- Good health and physically able to perform all phases of work
- Previous education and training may be able to be applied in the selected apprenticeship program (supply written work history/education transcripts)



## Getting Started in an Apprenticeship Program

Here, you'll find the information you'll need to apply to an apprenticeship program/school and questions you should ask to prepare yourself for a career in the building trades. Select the building trade apprenticeship program that you are interested in and would like to apply for. Determine if the building trade program is accepting applications at this time.

Yes, the program is accepting applications:

1. Call the program to confirm that they are still accepting applications.
2. Request any information and/or materials you might need to bring with you when you obtain an application, such as birth certificate, driver's license, application fee, etc.
3. Fill out the application. Pay close attention to the instructions on the application, as they vary greatly from trade to trade.
4. Return the application and ask if you will be required to take an aptitude test. Once you have determined whether or not you will need to take an aptitude test, choose from the following two options:

Yes, an aptitude test is required.

If an aptitude test is required, you should ask the following questions:

- When will the test be given?
- Is there a placement list? For example, individuals who had the highest test scores are accepted first.
- What material is recommended to study for the test? Or you may be interested in ordering the CISCO Pre-Apprentice Basic Skills Training Manual.
- When will I be notified if I passed?
- Will I be told how I am ranked on the list of applicants who passed?
- How long will the list of applicants who passed be kept on file? Can you reapply after the list is no longer being used?
- Keep in close contact with the program after you've tested, passed and are placed on a list. You will be responsible for keeping them informed of any changes in your address and/or phone number.







A career in the construction trades can provide excellent wages and benefits, job security, opportunity for advancement, and the chance to create something that will last for years to come.

- In union construction, you are often paid to attend classroom and on-the-job training.
- The average pay for union construction workers is \$29.13 an hour. That is \$60,590 per year!
- From 2012-2022, more than 1.6 million new jobs are projected to be added to the construction field.
- Union construction jobs pay more than the jobs held by 60% of college graduates.
- Most union construction jobs include a guaranteed raise every year.

**For more information visit the Construction Industry Service Corporation at [www.cisco.org](http://www.cisco.org)**

<b><u>Architectural Iron Worker</u></b> Broadview, IL 708-345-6067 <a href="http://www.iwlocal63.com">www.iwlocal63.com</a>	<b><u>BoilerMaker</u></b> Oak Lawn, IL 708-636-6656 <a href="http://www.bnap.com">www.bnap.com</a>	<b><u>Brick Layer</u></b> Addison, IL 630-953-0835 <a href="http://www.bac2school.org">www.bac2school.org</a>
<b><u>Carpenter</u></b> Elk Grove, IL 847-640-7373 <a href="http://www.carpentersunion.org">www.carpentersunion.org</a>	<b><u>Cement Mason</u></b> Bellwood, IL 708-544-9100 708-544-4730 <a href="http://www.cmlocal502.com">www.cmlocal502.com</a>	<b><u>Cement Mason</u></b> Woodstock, IL 815-337-7290 815-527-7489 <a href="http://www.opcmialocal11.com">www.opcmialocal11.com</a>
<b><u>Ceramic Tile Layer</u></b> Addison, IL 630-396-7148 <a href="http://www.bac2school.org">www.bac2school.org</a>	<b><u>Ceramic Tile Finisher</u></b> Addison, IL 630-396-7148 <a href="http://www.bac2school.org">www.bac2school.org</a>	<b><u>Drywall Finisher</u></b> Berkeley, IL 708-449-9022 <a href="http://www.jatc-dftc.org">www.jatc-dftc.org</a>
<b><u>Electrician</u></b> Aurora, IL 630-897-0461 <a href="http://www.ibew461.org">www.ibew461.org</a>	<b><u>Electrician</u></b> Alsip, IL 312-454-1340 708-389-1340 <a href="http://www.LU134.org">www.LU134.org</a>	<b><u>Electrician Communications</u></b> Alsip, IL 312-454-1340 708-389-1340 <a href="http://www.LU134.org">www.LU134.org</a>

<b><u>Electrician</u></b> Crystal Lake, IL 847-854-7200 <a href="http://www.ibew117.com">www.ibew117.com</a>	<b><u>Electrician</u></b> Warrenville, IL 630-393-1701 x. 4 <a href="http://www.ibew701.org">www.ibew701.org</a>	<b><u>Electrician Communications</u></b> Warrenville, IL 630-393-1701 x. 4 <a href="http://www.ibew701.org">www.ibew701.org</a>
<b><u>Electrician</u></b> Libertyville, IL 847-566-2200 847-680-1504 <a href="http://www.ibew150.org">www.ibew150.org</a>	<b><u>Glazier</u></b> Lyons, IL 708-443-9000 <a href="http://www.glaziersunionlocal27.com">www.glaziersunionlocal27.com</a>	<b><u>Heat &amp; Frost Insulator</u></b> Tinley Park, IL 708-468-8000 <a href="http://www.local17insulators.com">www.local17insulators.com</a>
<b><u>Iron Worker</u></b> Aurora, IL 630-585-1600 <a href="http://www.iwlocal393.com">www.iwlocal393.com</a>	<b><u>Laborer</u></b> Chicago, IL 773-413-3315 <a href="http://www.chicagolaborers.org">www.chicagolaborers.org</a>	<b><u>Laborer</u></b> Carol Stream, IL 630-653-0006 <a href="http://www.chicagolaborers.org">www.chicagolaborers.org</a>
<b><u>Machinery Mover, Rigger Erector</u></b> Broadview, IL 708-615-9300 <a href="http://www.riggerslocal136.com">www.riggerslocal136.com</a>	<b><u>Operating Engineer</u></b> Wilmington, IL 815-722-3201 <a href="http://www.asiplocal150.org">www.asiplocal150.org</a>	<b><u>Operating Engineer Technician</u></b> Wilmington, IL 815-722-3201 <a href="http://www.asiplocal150.org">www.asiplocal150.org</a>
<b><u>Painter/Decorator</u></b> Berkeley, IL 708-449-5282 <a href="http://www.jatc-dftc.org">www.jatc-dftc.org</a>	<b><u>Painter/Drywall Finisher</u></b> Aurora, IL 630-966-1450 <a href="http://www.painters30school.com">www.painters30school.com</a>	<b><u>Pipefitter</u></b> Mokena, IL 708-326-9240 <a href="http://www.pf597.org">www.pf597.org</a>
<b><u>Plasterer</u></b> Alsip, IL 708-489-9900 <a href="http://www.opcmia.org">www.opcmia.org</a>	<b><u>Plumber</u></b> Chicago, IL 312-421-1028 <a href="http://www.jac130.org">www.jac130.org</a>	<b><u>Roofer/Waterproofers</u></b> Indian Head Park, IL 708-246-4488 <a href="http://www.chicagoroofters.com">www.chicagoroofters.com</a>
<b><u>Sheet Metal Worker</u></b> Bellwood, IL 708-544-5711 <a href="http://www.smw.org">www.smw.org</a>	<b><u>Sheet Metal Worker</u></b> Carol Stream, IL 630-668-0110 <a href="http://www.smart265.org">www.smart265.org</a>	<b><u>Sprinkler Fitter</u></b> Alsip, IL 708-597-1800 <a href="http://www.sprinklerfitterchicago.org">www.sprinklerfitterchicago.org</a>
<b><u>Structural Iron Worker</u></b> Forest Park, IL 708-366-8181 <a href="http://www.iwlocal1.com">www.iwlocal1.com</a>	<b><u>Technical Engineer</u></b> Chicago, IL 312-421-1010 <a href="http://www.plumberslu130ua.org">www.plumberslu130ua.org</a>	<b><u>Tuck Pointer</u></b> Addison, IL 630-953-0835 630-396-7143 <a href="http://www.bac2school.org">www.bac2school.org</a>





UNITED BROTHERHOOD OF CARPENTERS AND JOINERS OF AMERICA

## CHICAGO REGIONAL COUNCIL OF CARPENTERS APPRENTICE AND TRAINING PROGRAM

A POSITIVE FORCE IN BUILDING COMMUNITIES

*Have you ever considered a career as a carpenter?*

### **JOIN US TO LEARN ABOUT THE CARPENTER APPRENTICESHIP PROGRAM ON NOVEMBER 5, 2015**

Please join us for our Carpenter Apprenticeship Open House event on November 5, 2015 at 6:00pm. As part of National Apprenticeship Week, this event will feature a presentation about our successful Registered Apprenticeship Program, as well as a facility tour. A special panel will follow where attendees can hear from the Carpenter Training Center administrators, instructors, as well as, current and former apprentices. This event is open to all individuals interested in our apprenticeship program especially high school students and their parents.

The benefits of Registered Apprenticeship Programs are substantial:

- For the industry - it diversifies the workforce, improves productivity and profitability, standardizes training, reduces turnover, and more.
- For apprentices - the training is free and the average starting wage is more than \$35,000/year. Carpenters who complete an apprenticeship can earn an average of \$300,000 more over their lifetime than their non-apprentice peers.

Getting started is easier than you think! The United Brotherhood of Carpenters (UBC) has developed a world-class, customized training model that combines work-based learning with related classroom instruction. We use the highest industry standards and latest technologies.

Learn how you can get started by attending our special open house event.

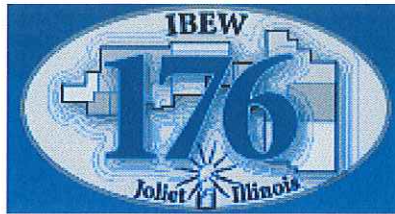
**DATE: Thursday, November 5, 2015**  
**LOCATION: Carpenter Training Center**  
**1256 Estes Avenue**  
**Elk Grove Village, IL 60007**  
**TIME: 6:00 pm to 7:30 pm**

Please use the registration link below to REGISTER FOR THE EVENT TODAY!

REGISTER HERE: [www.chicap.org/Register.aspx](http://www.chicap.org/Register.aspx)



Apprenticeship**USA**



**IBEW Local #176 – Eastern Chapter NECA  
Joint Apprenticeship Training Committee  
1110 N. Frontage Rd. Joliet, IL 60431 – (815)741-2758  
QUALIFICATIONS FOR APPRENTICESHIP  
COMMERCIAL, RESIDENTIAL AND VDV PROGRAMS**

- Be at least 18 years of age.
- Be a high school graduate, or have taken and passed a GED test. (copy of GED required)
- Have two semesters of Algebra (high school or college) with a minimum grade of "C" in each semester
- Be a resident of the jurisdiction of Local #176 for one year prior to application (Will, Grundy, Kankakee and Bureau counties, and parts of LaSalle, Iroquois, Ford Stark, Putnam and Henry counties)
- If selected, supply proof of pre-employment physical
- Be willing to participate in our Drug Free Alliance, submit to testing prior to entering the program, hair follicle and urine sample.

**\$25 PROCESSING FEE-MONEY ORDER ONLY, NON-REFUNDABLE**

**You may fill out applications at our JATC office during regular business hours:  
8:00 am until 4:30 pm every Monday & Friday (closed noon to 1pm), With extended  
hours on the second Monday of every month, until 5:30pm.**

1. You must show your driver's license at that time, and we will make a copy of your license.
2. You must submit a copy of your birth certificate. Faxes are not acceptable.
3. You must submit a copy of your high school transcripts. A transcript request form will be available to you when you fill out the application.
4. Transcripts must be sent directly to our office from your school by mail. Faxed transcripts are not accepted.
5. You must submit a copy of your GED scores, if applicable.

The JATC office must receive the above items no later than 4:00 p.m. on the application period closing dates of May 31st or November 30th. You will be notified by mail after the application closing dates as to the status of your application. If you have met the requirements and have submitted all the required documents, listed above, on time, you will be eligible to take an aptitude test. We will notify you as to the date and time of the test session. The aptitude test is given to all qualified applicants. A qualifying score on the aptitude test will make you eligible for an oral interview.





Chicago Local 597 Pipe Fitters' Training Center  
Local Union 597  
10850 W 187<sup>th</sup> Street  
Mokena, IL. 60448  
Phone: 708.326.9240

## Process

The application process is lengthy. It begins with the applicant attending one of the Application Days held on the first Wednesday of the month. The full process is as follows:

- I. Application:
  - a. Individuals interested in the apprenticeship attend one of the "Application Days" held by the Training Center.
  - b. The requirements to apply:
    - i. Applicant must be an American citizen or in the process of naturalization.
    - ii. Applicant must submit a birth certificate (must be 17 years old).
    - iii. Applicant must submit a high school diploma or G.E.D. certificate. (H.S. Seniors may submit an "on track" letter from the High School)
    - iv. Applicant must submit a copy of their driver's license.
    - v. Pay a \$20.00 application fee at the time of application.
  - c. **At the completion of the application, the individual will receive a Personal Experience Form (PEF). The PEF is to be completed off site. Once the PEF is returned to the Training Center, either in person or US Postal Service (certified mail is suggested), and is verified complete, the applicant will be sent an examination date via US Postal Service certified mail/return receipt.**
- II. Aptitude Test
  - a. Applicants are tested by a third party. (currently GAN Human Resources).
  - b. Study guides are available at the time of application for \$15.00.
  - c. The test is given in 5 sections.
    - i. Reading.

- ii. Numerical Comprehension.
    - iii. Numerical Reasoning.
    - iv. Bennett Mechanical Aptitude.
    - v. 3D Visualization.
  - d. Applicants are given a date/time to return to the Training Center to pick up their test scores.
- III. Score pick up
- a. Applicants testing above the cut score are then eligible for the apprenticeship program.
  - b. Applicants testing below the cut score are not eligible, and may re-apply in the following quarter.
  - c. Applicants will be placed on a two-year waiting list for acceptance
  - d. Building Trades Applicants are eligible for the Hybrid Program.
- IV. Acceptance.
- a. Apprentice classes & size are determined by the J.A.T.C. & M.C.A. as needed.
  - b. Acceptance letters are sent via certified mail.
  - c. Applicant must be physically able to perform the duties of the trade.
  - d. Applicant must pass two drug tests (Hair follicle & urinalysis).
  - e. Applicant must have reliable transportation.
  - f. Applicant must have a valid driver's license for the state in which they reside.



**Pipe Fitters' Training Center**  
**Local Union 597**  
**10850 W 187<sup>th</sup> Street**  
**Mokena, IL. 60448**  
**Phone: 708.326.9240**  
**Fax: 708.326.9241**  
**Email: [training@pftf597.org](mailto:training@pftf597.org)**



## Operating Engineers Local 150

Local 150's training center is situated on 300-plus acres in Wilmington, IL. The center boasts 342,000 square feet of space housing an indoor training area, almost 200 pieces of heavy equipment, 30 classrooms, construction material testing lab, state of the art welding facility, equipment simulator lab, a 200-seat auditorium, and much more. Instructors are available to members six days a week, Monday through Saturday, except holidays.

**The Apprenticeship program is currently accepting applications for the Heavy Equipment Operator, Heavy Equipment Repair Technician, Geothermal/Well Driller, and our Building and Construction Inspector (Field Inspector) Programs.** Applications may be completed online through our web interface. [Apply Now](#) or [Continue a Saved Application](#). Alternatively, paper applications may be obtained at the [Apprenticeship Office](#), or requested at any of our [District Offices](#) for a non-refundable fee of \$25.00 (**Money Order Only**). See our [FAQ](#) for more information

### Applying for the program

#### Where can i apply?

Local 150 Office Locations		
<b>William E. Dugan Training Center</b> Wilmington	<b>19800 W. SOUTH ARSENAL ROAD</b> <b>WILMINGTON, IL 60481</b>	<b>(815) 722-3201</b>
District 1 Countryside	6200 JOLIET RD COUNTRYSIDE, IL 60525	(708) 482-8800
<b>District 2</b> <b>Joliet</b>	<b>1050 NE FRONTAGE RD</b> <b>JOLIET, IL 60431</b>	<b>(815) 725-5561</b>



District 3 Lakemoor	28874 RAND RD LAKEMOOR, IL 60051	(815) 363-0002
District 4 Rockford	4477 LINDEN RD ROCKFORD, IL 61109	(815) 874-4166
District 5 Utica	740 E US HIGHWAY 6 UTICA, IL 61373	(815) 667-3036
District 6 Lakeville	1001 N MICHIGAN ST LAKEVILLE, IN 46536	(574) 784-3694
District 7 Merrillville	2193 W 84th Pl MERRILLVILLE, IN 46410	(219) 736-7710
District 8 Rock Island	3511 78TH AVE W ROCK ISLAND, IL 61201	(309) 787-4646

### **What are the requirements to get into the program?**

- a. At least 18 years of age.
- b. Applicants must have a high school diploma or GED. The applicant will be required to provide high school transcripts for evaluation purposes. Transcripts of further education (technical school or college) should be submitted, as well.
- c. Be a resident of the jurisdictional area of Local 150. (see jurisdictional map)
- d. A valid driver's license and the maintenance of such are required at the time of selection.
- e. A statement from a licensed physician stating physical ability to perform the work of the trades will be required 30 days after being indentured into the program.
- f. Must be able to read, write, and speak the English language.
- g. Required to undergo drug testing.

### **Apprenticeship**

#### **I heard about the apprenticeship program; what is it?**

The apprenticeship is an on-the-job paid training program. A \$25.00 dollar money order made payable to "Local 150 Apprenticeship Fund" will be required as a non-refundable application fee to apply.



**■Is Local 150 Apprenticeship a trade school?**

No, the apprenticeship is not a trade school; it is an on-the-job paid training program.

**■What is an Apprentice?**

An apprentice is an employee who learns a skilled trade through planned, supervised work on-the-job, while at the same time receiving related technical classroom instruction.

**■When do you accept applications?**

We accept applications year round.

**■Is there any consideration given to minorities?**

Selection of apprentices under the programs shall be made from qualified applicants on the basis of qualifications alone, without regard to race, creed, color, religion, national origin, sex, or occupationally irrelevant physical requirements in accordance with objection standards which permit review, after full and fair opportunity for application. The programs shall be operated on a completely non-discriminatory basis.

**■How soon will i receive a call after i submit my application?**

There are no guarantees of acceptance into the program. We do not call to tell you we have received and evaluated your application. It is your responsibility to verify that your application was received, complete and evaluated.

**■If my application is accepted and active, does this mean i am an apprentice?**

No, acceptance of an application and the status of "active" means your application was evaluated and complete. It means no items were missing from your packet. It does not mean you are an apprentice. You will be considered an apprentice once you have successfully completed an evaluation and have been dispatched to your first job. You will then be called in to the apprenticeship office to be indentured, at that time, you will be considered a Local 150 apprentice.

### **■How long is an apprenticeship?**

Each of our programs include 6000 or more hours of On-the-Job Learning, 240 or more hours of Classroom instruction, and 192 hours or more of Field Instruction. There are also requirements of proficiencies and certifications that are unique to each of the 4 programs.

Approximate length of programs:

1. Heavy Equipment Operator - 4+ Years
2. Heavy Equipment Technician - 5+ Years
3. Geothermal / Water Well Driller - 4+ Years
4. Construction and Building Inspector 4+ Years

### **■How much does the apprenticeship cost?**

There are no fee's associated with out apprenticeship program outside of the \$25.00 fee for application.

### **■How soon do I start classes after I submit my application?**

Submission of an application does not guarantee acceptance into the apprenticeship. Local 150 has a large jurisdictional area covering Northern Illinois, Northern Indiana and the far east of Iowa. We are divided into 8-districts comprised of almost 50-counties. In order for us to start new apprentices, certain criteria must be met:

1. All current Local 150 apprentices in your district area must be working (no lay-offs).
2. There must be positions available in your district area.
3. The most qualified of those that have applied to your district area will be called for a 10-day evaluations
4. Newly evaluated applicants will eventually be used to fill the roles of new apprentices.

### **■How are applicants chosen? What is considered "qualified"?**

All completed applications are scored. During selection, we start



with the highest scoring application and work are way down the list. A qualified application is one that is complete and contains all of the required documents.

**■Is the evaluation a paid evaluation?**

The applicant is not paid while attending the evaluation.

**■What is the pay scale if I am accepted into the apprenticeship?**

First year apprentices typically start off at 50% of the current Journeyperson scale for the contract they are working under.

**■Does an apprentice have health insurance benefits? If so, how are those determined?**

All Local 150 members (including apprentices) have Health Insurance as long as they meet the hour's requirements. This means working a specified minimum number of hours during a specific "work quarter". If this is met, the member is then eligible for the relative "benefit quarter".

**■Am I guaranteed 4-years of work or are there lay-offs?**

Construction work is seasonal with no guarantees. Yes, there will be lay-offs.

**■Is there something I can do to better my odds of being accepted into the apprenticeship program?**

As with any type of career, only the most qualified applicants are selected. By enrolling in and completing vocational/technical types of classes after graduating High School. Certificates of completion can then be mailed, faxed, or dropped off at the Apprenticeship office and added to your application.

## AAS Degrees, Joliet Junior College



The Associate in Applied Science (AAS) degree will be awarded with the satisfactory completion of a prescribed curriculum. An **AAS degree is intended to prepare individuals for employment in specific field**

### **Technical Department**

- **Architectural Studies**  
**Construction Management**
- **Automotive Service Technology**

### **Computer Aided Design and Drafting**

- **Electrical / Electronics Automated Systems** (EEAS)
- **Electronics Engineering Technology** (EET)
- **Industrial Maintenance Technology**
- **Heating, Ventilation and Air Conditioning** (HVAC/R)
- **Mechanical Production Technology**
- **Precision Machine Technology**
- **Operations Engineering (AAS)**  
**Operations Technician (AAS)**
- **Orthotics and Prosthetics Technology**
- **Process Instrumentation Technology**
- **Process Operations Technology**
- **Welding Technology**



## 4 Example Technical AAS Degrees from JJC



Industrial maintenance is a rapidly changing field. The days of the single-skilled worker are nearing an end. **The Industrial Maintenance Technology** (IMT) program was developed in partnership between the college and maintenance professionals from the local area to address this trend. Students get hands-on experience using industry-standard equipment they are likely to find on the job. Skilled technicians are needed to fill the void left by an aging workforce. Multi-disciplined workers are needed to ensure companies can compete in the global marketplace. Graduates of the IMT program work in varied industries including, but not limited to: petrochemical, manufacturing, education and medical

**EEAS** -Today's technology revolution is sweeping industry into an era dominated by information and automation. This is not futuristic; it is a reality. Employment projections indicate a high demand for trained industrial technicians and product representatives. This program is designed for men and women that like hands-on training and are willing to work for an interesting and rewarding future. The program has already been acclaimed by industry, and over 100 companies have called with employment opportunities. Many of our graduates now are employed in these highly paid, challenging positions.

**Electronic technicians** are in very high demand all over the world. Technicians and engineers cooperatively develop the products that fuel the explosive growth of the electronics marketplace. Graduates of the Electronics Engineering Technology (EET) program are prepared to enter the workforce as engineering technicians, field service engineers and application engineers. Graduates may continue their education at many colleges and universities and earn an advanced degree.

The EET program is committed to teaching excellence in all facets of electronics and strives to provide students with the technical knowledge and skills to compete in the constantly changing field of electronics. Skilled faculty members provide students with both theory and hands-on training so that they stay current and competitive in today's market place. Labs

equipped with modern, sophisticated electronic equipment provide students with opportunities to explore communications, computers, consumer and industrial electronics, instrumentation, and microprocessors.

The Associate in Applied Science degree prepares the students to meet challenges offered in the **HVAC/R** industry. Students will have the opportunity to work with highly trained and experienced professional instructors, specializing in related areas. The program focuses on the commercial aspect of building management and operation with an emphasis on hands-on training using the most up-to-date professional training simulators and technology available. The A.A.S. program offers students excellent employment opportunities in the following related areas: service technician, building service engineer, air balancing technician, supervision, and contractor/owner.

The students will also have the opportunity to take the Industry Competency Exam (ICE) for residential.

Residential offered through the Air Conditioning and Refrigeration Institute (ARI). The (ICE) certification can make a major difference in the quality of jobs offered and starting salary. Technical jobs are among the fastest growing job section of the economy.





Acuren Inspection  
Adler Tank Rentals  
AECOM  
Aeropres Corporation  
Aker Construction  
AkzoNobel Surface Chemistry  
Ambitech Engineering Corporation  
AMEC Environmental & Infrastructure  
American Combustion Service, Inc.  
Americas Styrenics  
Amex Nooter, LLC  
AMS Environmental, Inc.  
AMS Mechanical Systems  
Apollo Colors, Inc.  
Argonne National Laboratory  
Aux Sable Liquid Products  
Badger Daylighting  
Baish Excavating  
Barnett/Bates Corporation  
Barnhart Crane  
Blachford Corporation  
Black Industrial Supply Co.  
BMWC Constructors  
Bodine Services of Peoria  
BP Products North America  
Brandenburg Industrial  
Brock Industrial Services  
Brieser Construction  
Canal Terminal Company  
Cat-Spec  
CB&I  
Century Energy Solutions, LLC  
CHA Consulting Inc.  
Chellino Crane Inc.  
Chicago Communications LLC  
Chicagoland Drug Testing  
CITGO Petroleum Corp.  
Civil & Environmental Consultants  
CL Coatings  
Clean Harbors Environmental Services  
CMC America Corp.  
Conestoga-Rovers & Assoc.

Construction Safety Service  
Contractors Assn of Will & Grundy Counties  
Cooling Components Inc.  
Crowther Roofing & Sheet Metal  
D Construction, Inc.  
DePue Mechanical, Inc.  
DIAGEO Global Supply  
DISA, Inc.  
Diversified CPC Int'l  
DLZ Industrial, LLC  
Dow Chemical - Channahon  
Dow Chemical - Ringwood  
Dow Chemical - Wilmington  
Dubak Electrical Contractors  
Dude Electric Testing, LLC  
Durkin Electric Company  
Eagle Services Corporation  
Earth Solutions Inc.  
Emission Monitoring Services, Inc.  
Enbridge Energy  
  
Environmental Monitoring & Technologies  
Express Contracting Inc.  
Express Employment Professionals  
ExxonMobil Joliet Refinery  
Fastrak Construction Mgmt.  
First Midwest Bank  
Flint Hills Resources  
G & D Trucking Inc  
Gallagher Asphalt  
General Insulation Co.  
General Machine & Tool Co.  
Geosyntec Consultants  
Governors State University  
Graycor Industrial Constructors  
Hanson Material Service  
Hayes Mechanical Inc.  
H.B. Fuller  
Heritage Environmental Serv.  
Herlihy Mid-Continent Co.  
Hertz Equipment Rental  
Hodge Dwyer & Driver  
Hoffman Transportation LLC

Hunter Buildings  
 Hygieneering, Inc.  
 Imperial Crane Services  
 IMTT Illinois- Channahon  
 IMTT Illinois-Lemont  
 Indicom Electric  
 Interstate Chemicals - Alpont Terminal  
 IOI Loders Croklaan  
 J-M Printers, Inc.  
 Jensen Hughes  
 Joliet Equipment  
 Joliet Junior College  
 Kaluzny Brothers, Inc.  
 Kelly Services  
 Kinder Morgan  
 KM Plant Services  
 Leech Tishman Fuscaldo & Lampl  
 Lewis University  
 Lindblad Construction  
 Lockport Steel Fabricators  
 Luse Holdings, Inc.  
 LyondellBasell Industries  
 Manhattan Mechanical Services  
 Manpower Inc.  
 Matheson Gas Products  
 Meade  
 Midwest Valve & Fitting  
 MK Orthopedics, Surgery & Rehabilitation  
 MKD Electric, Inc.  
 Morrison Construction Company  
 Nalco Crossbow Water  
 Nat'l Electrical Cont. Assn.  
 National Industrial Maintenance  
 National Resource Technology  
 Nicor  
 Northwest Industrial Specialists  
 NRG (formerly Midwest Gen.)  
 Oiltanking Joliet, LLC  
  
 One Way Safety  
 Parent Petroleum  
 Patrick Engineering, Inc.  
 PDM Plumbing, Heating & Air  
 Phoenix Fire Systems  
 Vector Pipeline  
 Veolia ES Industrial Svcs.  
 Weaver Broos Consultants

Plumbing & Mechanical  
 Contractors Association  
 PQ Corp.  
 Priority Staffing  
 Purity Plus Water Systems  
 Quad Plus, Inc.  
 Railworks Track Services  
 Reichhold, Inc  
 Rogina & Associates  
 Ruettiger, Tonelli & Assoc.  
 R. W. Collins Co  
 Safway Services  
 Sage Environmental  
 Consulting  
 Scheck Mechanical Corp.  
 Schneider Logistics  
 ScreenSafe  
 SET Environmental, Inc.  
 SGS Petroleum Service Corp.  
 Shaw Environmental  
 Sheffield Safety & Loss Control  
 Solvay  
 Spike Enterprise, Inc.  
 Stanley Consultants Inc.  
 STARCON  
 Stepan Company  
 Stevenson Crane Service  
 Styrolution America  
 Superheat FGH Services  
 Superior Engineering, LLC  
 TDW Services  
 TEAM Industrial Serv.  
 Tetra Tech  
 Three Rivers Construction Alliance  
 Total Safety, Inc.  
 Toyal America Inc.  
 Tradebe Environmental Services  
 Troutman Excavating Inc.  
 Trinity Consultants  
 Turner Industrial Maintenance  
 Valdes Engineering  
 Valero Terminal & Distribution  
 Vanguard Energy Services



# Local Union Websites

- Mechanics Local 701, Countryside, IL [www.mech701.org](http://www.mech701.org)
- IBEW Local 176, Joliet, IL [www.ibewlocal176.org](http://www.ibewlocal176.org)
- Carpenters Training Center, Elk Grove Village, IL [www.chicap.org](http://www.chicap.org)
- Roofers/Waterproofing Local 11, Indian Head Park, IL [www.chicagoroofters.org](http://www.chicagoroofters.org)
- Operating Engineers Local 150, Wilmington, IL [www.asiplocal150.org](http://www.asiplocal150.org)
- Craft Laborers, Chicago, IL [www.chicagolaborers.org](http://www.chicagolaborers.org)
- Heat/Frost Insulators Local 17, Tinley park, IL
- Pipefitters Local 597, Mokena, IL [www.pftf597.org](http://www.pftf597.org)
- Plumbers Local 130, Joliet, IL [www.jac130.org](http://www.jac130.org)
- Boilermakers Local 1, Chicago/Oak Lawn, IL [www.bnarp.com](http://www.bnarp.com)
- Bricklayers Training Center, Addison, IL [www.bac2school.org](http://www.bac2school.org)