



**IEC**  
**Apprenticeship**  
**Program**

Four Year Apprenticeship  
Training School



# Why become an electrician?

Becoming a professional electrician is a smart career choice. With an increasing dependency on electrical appliances & automated systems in our homes, businesses, & industrial facilities, trained electrical & systems technicians are more important than ever. And, with a projected shortage of electrical workers, prospects for employment and advancement in the industry have never been brighter. - IEC

# Do you have what it takes?

- Must be in good physical condition and tolerant of working indoors or out, in varied climatic conditions
- Other factors: exposure to heights using ladders & scaffolds, risk of electrical shock, and lifting & moving heavy objects
- Must pass the approved IEC Entry Exam and fill out required applications
- Must have a reliable source of transportation to/from school & job sites
- Must be able to work independently and as a member of a team.
- Not required but recommended: A high school diploma or GED

# Electrical Career Options

- Because of the technical complexity of their jobs, electricians are among the most highly paid of the skilled trades.
- According to the US Bureau of Labor Statistics, the mean hourly earnings of a certified (journeyman) electrician was **\$21.94** (salaries vary depending on location and experience) in 2005, with the top 10% earning more than **\$33.48** per hour.

# Electrical Career Options (cont)

- Apprentice electricians start at 59% of the average journeyman electrician wage rate.
- As experience and knowledge progresses with education & training, apprentices receive wage increases.

# Mean National Salaries for Selected Occupations, 2005:

Field	Mean Salary*
All Construction	\$18.39 / hour
All Production	\$14.37 / hour
Auto Service Techs & Mechanics	\$16.90 / hour
Carpenters	\$18.62 / hour
Computer Operators	\$16.15 / hour
<b>Electricians</b>	<b>\$21.94 / hour</b>
Firefighters	\$19.43 / hour
Plumbers	\$21.56 / hour
Roofers	\$16.14 / hour

# Electrical Apprenticeship Program

## You'll be paid for your work while you're an apprentice...

- Apprentices go to school OUTSIDE of their working hours. Here at IEC classes are two days a week. Classes cover safety, electrical theory, circuitry, motors, generators, transformers and cabling. Apprentices compliment their classes with **On the Job Training (OJT Hours)** in such things as the installation & maintenance of residential, commercial &/or industrial power distribution, control & utilization systems.
- After completing an apprentice training program and the required OJT Hours (usually takes four (4) years) you'll have the 8,000 hours required to qualify for journeyman electrician licensing *while you earn an income instead of racking up college debt.*
- And with appropriate advanced training, work experience, & completion of the Kentucky Licensing exam, you can become a master electrician, foreman, estimator, or an electrical contractor.

# Why choose the IEC Apprenticeship Program

We know there are many programs to choose from. Here's why we think you should choose our program:

- Earn while you learn – You get paid for your on-the-job-training, and, in many cases, the cost for your classroom education is shared or taken care of by your employer
- National recognition by the US Department of Labor's Bureau of Apprenticeship & Training – means you are part of an approved program with credentials acknowledged nationwide.
- Earn College Credit – our course is worth a total of 26 college credit hours – an asset if you chose to pursue a degree in engineering or other related fields.
- Engaging Education – the IEC Curriculum is specifically developed & recognized as one of the best teaching tools for electrical apprenticeship in the nation.
- No monthly or annual dues unlike some other programs.
- If you don't like it, you may leave at any time, no strings attached.
- Qualified, competent, experienced & licensed electrical instructors



# The IEC Apprenticeship Program

There are a few facets to our program:

- On the Job Training (OJT Hours)
- Classroom Instruction

...and two types of students:

- Apprentice Students
- Non-Traditional Students

# On the Job Training

One of the requirements of the Apprenticeship Program is On-The-Job, or OJT, Training Hours. You are required to have hours in six different categories of electrical work. They are; Preliminary Work, Residential & Commercial Rough Wiring, Residential & Commercial Finish Work, Industrial Lighting & Service Installation, Troubleshooting, and Motor Installation & Control.

- During these hours, you'll be working for an IEC Contractor
- You'll learn “hands on” during your work experience
- You're supervised by a licensed master or journeyman electrician
- Your pay reflects the number of hours accumulated, and your level within the program. Increase in pay is guaranteed when in our program.

# Classroom Instruction

- You will attend class, twice a week from 5-9p, day depends on school year.
- The nationally sponsored curriculum is written by professionals with input from the electrical contractor. It's updated annually to reflect changes in the national electrical code and technology.
- In addition to classroom time, you'll also have time in our hands on lab.
- Our school year begins with an Orientation at the IEC training center.

# So you want to be an electrician...Now what?

- Start with a strong background by taking math & physical science in high school or taking applied (commercial & residential electricity, construction technology, mechanical drawing, computer-assisted design) or other related trade classes
- Seek summer work in electrical construction

# Once you graduate...

- Come to the IEC office located at:  
493 Blue Sky Parkway, Lexington, KY 40509  
Business Hours: M-F, 8:30a-5:00p  
Phone: 859-266-4968
- Bring a photo id (driver's license)
- Fill out an application
- Take our reading, comprehension and math entry exam
- Once your apprenticeship application is signed by the state of Kentucky Department of Labor, you're an apprentice!
- You must maintain a 70% grade average, log your OJT hours and turn them into the IEC office (must total 8,000 before graduation), and complete your 576 classroom hours

# For more information:

For more information please visit our website:

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

There you'll find:

- School Schedules
- Program Curriculum
- Program Manual for Students & Instructors
- OJT Hours Log
- Licensing & Testing Information
- And more information about being an Electrical Apprentice

# Bibliography

- [www.ieci.org](http://www.ieci.org)
- [www.iecbluegrass.org](http://www.iecbluegrass.org)
- IEC Dallas

# Facility Photos

