

## What IS the Independent Electrical Contractors (IEC)?

IEC is a non-profit trade association that has been providing technical electrical training for more than 50 years to over 3,500 member contractors across the U.S. Over 13,500 people are in our national training programs in over 50+ training centers throughout the U.S.

## Certification of the Program

The U.S. Dept of Labor, *Office of Apprenticeship and Training* certifies IEC's Electrical Apprenticeship Program. When the program requirements are completed, an apprentice will be certified as a Journeyman Electrician by both the IEC and Office of Apprenticeship and Training and become registered nationally. The program has also been approved by the Indiana Department of Veteran Affairs (VA) as a training facility for educating veterans with GI Bill Benefits.

## Program Components

The *OFFICE OF APPRENTICESHIP AND TRAINING* requires two components for certification: 8,000 hours, or 4 years of on the job training (OJT), and 576 hours of classroom related instruction. Apprentices are paid for the OJT, which is provided in a variety of work areas. The classroom instruction includes labs, lectures, demonstrations, field trips, quizzes, homework and tests. Topics covered include but are not limited to: residential, commercial and industrial wiring, blueprint reading, applied math, interpreting the National Electrical Code, motor controls, electrical grounding, electrical theory and design, fiber optics, fire alarm, low voltage and programmable logic controllers. The curriculum is updated annually, and in accordance with the current National Electrical Code.

## Program Operation

Everyone who is accepted into the IEC Program must be (or become) employed by an electrical contractor within 30 days of classes beginning.

## Class Schedule and Locations

Fall classes will begin August 2021. Classes are 4 hours per night, 1 night per week and occasional field trips. Classes will be held weekdays 4:30pm – 8:30pm.

## Cost of the 4 Year Traditional Program

Registration	\$200 (1 <sup>st</sup> year only – non-refundable)
Textbooks	\$525 (Yearly – non-refundable)
Member Tuition	\$825 per semester (2 per yr)
Non-Member Tuition	\$1225 per semester (2per yr)

\*Online Classes Available. Additional fee \$400 per semester. Contact IEC Office for more information.

## Areas of Study by Year

- 1<sup>st</sup> yr: Residential Wiring, Electrical Theory, Applied Math, Ohm's Law,  
2<sup>nd</sup> Yr: Advanced Electrical Theory, Transformers, And Generators Interpreting the NEC, Starters OSHA 10 hr, CPR/1<sup>st</sup> Aid  
3<sup>rd</sup> Yr: Commercial & Industrial, Motor Controls, Grounding, Blueprints, Fiber Optics, Line Logic, CPR/1<sup>st</sup> Aid, OSHA 10 hr  
4<sup>th</sup> Yr: Electronics, Electrical Design Fire Alarms, Programmable Controllers, Advanced Motor Control

## How to Apply

1. Contact the IEC office to obtain our registration dates for the 2021-2022 academic school year.
2. Registration and Assessment Testing (mandatory) will be processed and taken online.
3. Applicants must be 18 years of age, a high school graduate or possess a certificate of equivalency (GED) or enrolled in a program in pursuit of the above.
4. Applicants must be employed, or in pursuit of employment with an Electrical Contractor.
5. For those not employed, we will distribute résumés to IEC sponsor companies for employment opportunities however, it is the applicant's responsibility to secure their own employment.
6. Proof of Age (government issued I.D) and Proof of Education (diploma or GED) must be presented at time of application. **No Exceptions.**

## Apprentice Responsibilities

Class attendance is critical. Apprentices must complete a minimum of 144 classroom hours and 2,000 OJT hours per year. A 70% passing grade each year must be maintained to continue to the next year of classroom instruction. To remain in the program, an apprentice must continue to work for an Electrical Contractor.

For more information contact the IEC office at:

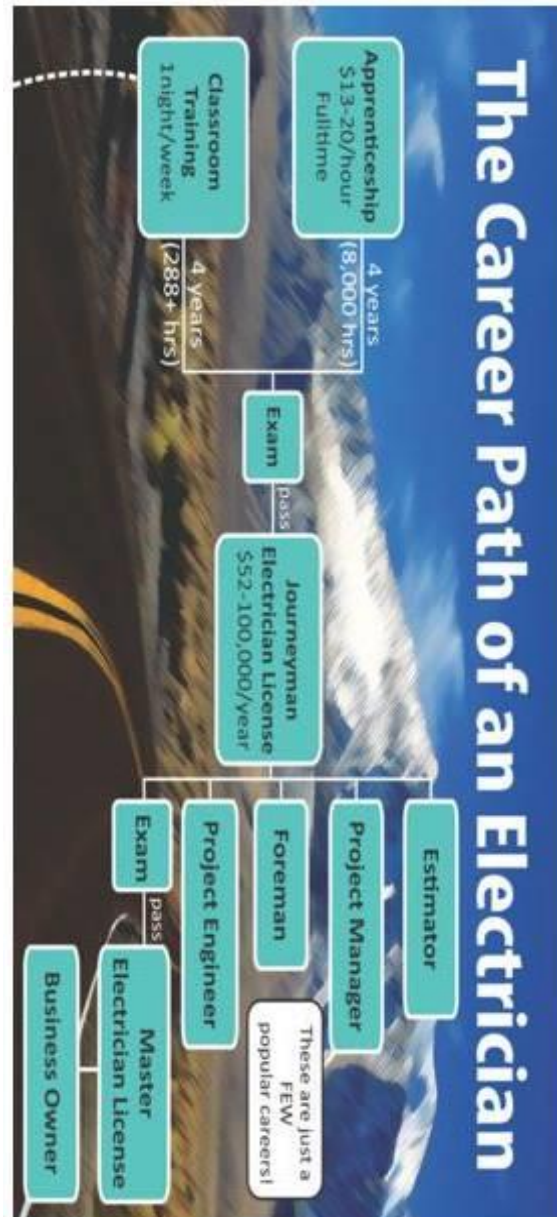
Ph #: (317) 562-1102

[membership@iec-indy.org](mailto:membership@iec-indy.org)

[www.iec-indy.org](http://www.iec-indy.org)

## Consider These Facts about IEC and Becoming an Electrician

- IEC trains over 13,500 apprentices nationwide
- Over 87% of contractors are independent (merit shop)
- Currently, there is a shortage of nearly 100,000 electrical workers across the U.S. This means job security, as well as good earning potential.
- Apprentices in IEC's program have the ability to double their earnings in just 4 years
- Upon graduation an IEC apprentice earns up to 32 permanent college credits through IVY TECH State Community College
- Only government certified programs like IEC's can certify an employee as a journeyman electrician. *Technical schools CAN NOT*
- Once an electrician, promotions to many other jobs, such as estimator, foreman and project manager become available
- An IEC trained apprentice/ journeyman can travel from state to state and work through IEC's network of over 3,500 members



## COMMERCIAL & INDUSTRIAL ELECTRICAL APPRENTICESHIP PROGRAM

*A Nationally Certified And Accredited Program*



INDEPENDENT ELECTRICAL CONTRACTORS

*On-The-Job Training  
and  
Classroom Instruction*

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