



# IEC PENNSYLVANIA

## Aspire To Be An Electrician

Pre-Apprenticeship Electrical Program

IEC PA's Aspire To Be An Electrician Program provides the opportunity for the completion of an electrical career exploratory course to high school seniors.

### About The Program

- IEC PA will provide related technical instruction which aligns to the first-year curriculum from the IEC PA Apprenticeship Program.
- Participants will complete the coursework on our IEC online CMS/moodle system.
- IEC PA will provide opportunities for participants to complete hands-on labs required by the first-year curriculum.

### Pre-Apprenticeship Curriculum

- Identification of appropriate hand tools and how to properly use those tools.
- Demonstration of basic math and metric used by electricians.
- Exposure to basic wiring concepts, wiring methods and installation techniques.
- Identification of fixtures, switches, and receptacles.
- Understanding the NEC codebook and defining up to thirty electrical terms.
- Identification of common electrical symbols.



Participants who complete the course successfully with a grade of 70% or higher receive a completion certificate from IEC PA and the Department of Labor & Industry, as well as the opportunity to apply into the IEC PA Apprenticeship Program to continue their electrical career pathway.



**2025-2026**

**IEC PA Pre-Apprenticeship Program  
Registration Deadline**

June 20, 2025

\*reach out if additional time is needed

**For More Information:**

**717.280.1124**

apprenticeshipcoordinator@iecpennsylvania.org





# ASPIRE TO BE AN ELECTRICIAN

## IEC PA PRE-APPRENTICESHIP PROGRAM



### SUGGESTED TIMELINES:



#### **March of Sophomore Year:**

Present information to the Sophomore class about the IEC PA Pre-Apprenticeship Electrical Program; Obtain partial commitment from interested students to prepare for initial budget submission



#### **October-November of Junior Year:**

Meet with partially committed students and parents/guardians to review the IEC PA Pre-Apprenticeship Electrical Program as an exploratory career pathway; Obtain a verbal agreement and create a list of interested participants; Determine total cost of tuition based on participants and budget allocations for the next school year's budget; Obtain approval from administration or the school board



#### **March of Junior Year:**

Finalize list of students to participate in the IEC PA Pre-Apprenticeship Electrical Program



#### **June of Junior Year:**

Register participants and submit IEC PA Pre-Apprenticeship Paperwork to IEC Office  
[apprenticeshipcoordinator@iecpennsylvania.org](mailto:apprenticeshipcoordinator@iecpennsylvania.org)

### Don't forget to consider...

- How to align the year long IEC PA Aspire To Be An Electrician Pre-Apprenticeship Program into the course selection sheet
- How to allow for participants to engage with a work co-operative experience while completing the online coursework.
- If the schedule will provide a study hall or class period for participants to complete the online coursework
- If the completion of this program is considered an elective, what is its credit value
- Based on our budget, are there grant funds or federal and state funds available to use for tuition costs



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[iecpennsylvania.org](http://iecpennsylvania.org)