



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.



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.



2026-2027
IEC PA Pre-Apprenticeship Program
Registration Deadline

June 30, 2026

*reach out if additional time is needed

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.

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

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.
- Tuition Cost- \$1300 per student/per school year.



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