

The Alaska Joint Electrical  
Apprenticeship and Training Trust  
offers training in four classifications of  
the electrical industry

- *Inside Wireman*
- *Outside Lineman*
- *Telecommunications worker*
- *Residential Wireman*

The first three classifications listed above require 8,000 hours of on-the-job training, while the Residential program requires 4,000 hours. All classifications require classroom instruction. There is no cost to the apprentices other than the price of books required for the classes. However, the apprentices are responsible for their expenses while attending school. Apprentices may draw unemployment if they are eligible. While on the job, apprentices are paid a percentage of Journeyman scale, depending on how many hours they have worked in the program.

## Checklist for Review

- Copy of High School Diploma, GED Certificate, Associates degree or higher degree
- Official (sealed) High School Transcript or GED records
- Full credit of Algebra I with passing grade of C or better, or provide certificate from NJATC online tech math course
- State of Alaska residency

## Frequently Asked Questions

- Which classification takes the most new apprentices?

Typically the Inside Wireman program accepts the most new apprentices. However, the inside trade also typically has the most applicants. Therefore, it is just as competitive as the Outside Line or Telephone trades which have few applicants but also fewer openings.

- Which classification makes the most money?

All of the trades have close to the same wage rate, but of the three classifications, the outside lineman earns the highest scale. Telephone workers may receive the higher scale if they perform work under the outside agreement, otherwise they would fall under the inside agreement which covers the inside wireman.

- How much money will I make?

A beginning apprentice, depending on which classification he or she enters will earn 50% of Journeyman's wage, as set in the current 'Agreement'. With each progression of 1,000 hours worked, a 5% wage increase will be issued.

- How much does the Apprenticeship School cost?

The AJEATT covers the cost of training for each apprentice. However, an apprentice will not get paid while attending school, and will need to plan ahead financially for the times he or she is attending school. Apprentices are required to pay for their classroom materials.

- How long will the apprenticeship take?

Most apprentices complete the program in 5 years. This gives them enough time to accumulate 8,000 hours of on-the-job training, and complete the 24 to 35 weeks of classroom related instruction.

- How do I find a job?

It is the program coordinators responsibility to place apprentices with employers. The goal is to give each apprentice a broad range of experience within the trade and keep everyone employed for as much of the year as possible.

- Do I have to join the Union?

Yes. You will become a member of the IBEW Local 1547, and you will pay monthly dues.

- When will I know if I am accepted?

Positions for school and for work opportunities will be filled as they come available. Applicants with the highest scores will be notified to fill these positions. Those given the opportunity to attend school first will normally have at least a month's notification. Those needed to fill work positions will generally be given shorter notice, but will not be expected to be available any sooner than 2 weeks.



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# Classifications

## Outside Lineman

Outside linemen are responsible for the distribution and transmission of high voltage power from the generation system to substations or occupancies.

Linemen install poles, towers, aerial transmission lines, underground systems, substations, high voltage switchyards, transformer installation and hook up, and much more. As a lineman you will climb poles, high towers, operate equipment (back-hoes, boom trucks, cranes, digger trucks, cats, graders, etc.). Most of the outside line work is done outside and in all types of weather. Their work requires good physical strength and the ability to work as a team.

On-the-job training hours ~ 8,000, 3 sessions of school

## Inside Wireman

Inside wiremen perform electrical construction work that includes conduit bending, wire installation, electrical panel installation, lighting, receptacles, fire alarm systems, motor and control installations, programmable logic control, residential wiring, street light installation, traffic intersection signal installation, transformer hook-up and installation, equipment operating (back-hoe, boom truck etc.) and much more. Blue print reading and design build skills are also skills that should be acquired throughout your training. Much of the work may be outside and is typically performed year round.

On-the-job training hours ~ 8,000, 5 sessions of school

## Telecommunications

The telephone worker has both inside and outside construction skills. Inside skills consist of telephone company central office switching, phone systems installation, computer networking, security systems, LAN and WAN installations, Cat 5 cable and fiber optic cable installations, and much more. Outside telecommunication work consists of cable splicing and installation, fiber optic cable splicing and installation, duct work and underground installation and much more. Must be able to climb poles and work in man holes and vaults. Will learn equipment operating skills. Must be able to identify the basic 25 colors used in cable manufacturing.

On-the-job training hours ~ 8,000, 4 sessions of school

## Residential Wireman

Residential Wiremen learn not only how to power a house from top to bottom, but also study many other topics. Apprentices will learn how to plan entire cabling systems, install fiber optic cabling in homes, install audio and video systems, home theater basics, HVAC controls, PLC and wireless control technologies, structured media systems and all the troubleshooting and testing techniques needed to fix just about anything electrical in a residential structure.

On-the-job training hours ~ 4,000, 2 sessions of school

# Applications

There is a \$25.00 application fee, due at the time the application is obtained. You may mail a check or money order to the training center of your choice, and receive an application via mail. Make your check payable to AJEATT. Please include your choice of classification, and a return envelope, with your phone number. Applications for the electrical apprenticeship are taken year round at the Training Centers. In order to submit your application, potential applicants must provide the following:

- A copy of a High School Diploma, GED Certificate, Associates degree or higher degree
- An official (sealed) High School Transcript or GED records
- Proof of 1 full credit of Algebra I with passing grade of C or better, or provide certificate from NJATC online tech math course
- Provide State of Alaska residency (can be PFD receipt or rental receipts)
- Provide State of Alaska Drivers License

*Applications and required information may be mailed to the training center of your choice.*

*Faxed or emailed applications will not be accepted. All incomplete applications will be returned.*

# Interviews

Individuals will enter the pool of qualified applicants after submitting an application to the Training Center. Every individual who is selected for apprenticeship shall come from the established pool and shall serve the same probationary period required of all newly indentured apprentices. Individuals who can show that they meet the conditions in one or more of the means required will be afforded an oral interview by the local JATC committee. Once interviewed, an applicant shall remain active in the Apprentice application eligibility list, subject to selection, for a period of two (2) calendar years from the date of interview unless they decline an offer, request to be removed from the list, or fail to qualify on applicable post-selection requirements (such as a drug screen), or they are approved for a re-interview after one year following the date of their most recent interview. Re-interviews are granted after one year when an applicant can provide proof of additional licensing, experience and/or education in the electrical industry.