



Electrical JATC of Southern Nevada

NOTICE OF APPRENTICESHIP OPPORTUNITY FOR THE POSITION OF INSIDE WIREMAN APPRENTICE

This Joint Apprenticeship and Committee (JATC) is NOT accepting applications for the Inside Wireman (5 years) apprenticeship program at this time. Please check our website (www.earnwhileyoulearn.org) regularly for dates.

TO MEET MINIMUM QUALIFICATIONS FOR APPRENTICESHIP, APPLICANTS MUST:

1. Complete an application form.
2. Be a minimum 17 years of age: no maximum age.
Provide a copy of Driver's License, State Issued ID card, Military ID card, Permanent Resident card, Alien Registration Receipt card or U.S. Passport accepted.
3. Education: *Provide a copy of State Department of Education Issued Certificate of High School Equivalency, High School Diploma, Associates Degree or Higher*
4. Minimum Math: *Provide an official transcript* (electronical transmitted transcripts will not be accepted) stating completion of **one full year** of high school or **one semester** of post high school algebra or higher course (Pre-algebra and intro to algebra do not count) with a passing grade and/or *Provide a Certification of Completion for the NJATC Tech Math Course.*
5. Upon receipt of the above documents:
Applicants will be scheduled to take the electrical industry's aptitude test validated by the American Institutes for Research. The applicant will be required to obtain a qualifying score to be eligible for the oral interview.

THE FOLLOWING ARE ONLY IF THEY APPLY TO THE APPLICANT;

- Job Corps:** Individuals who can verify to an organizer at the IBEW Local #357, after submitting an application, completion of Job Corps training and graduation in the electrical construction trade will qualify for an oral interview by meeting the requirements of items (1.), (2.) and (5.).
- Work Experience:** Individuals who can verify to an organizer at the IBEW Local #357, after submitting an application, that they have worked a minimum of two-thousand (2,000) hours of work specifically in the Electrical Construction Industry (by social security work history printouts) will qualify for an oral interview by meeting the requirements of items (1.) and (2.). The aptitude test will be required for tracking purposes only.
- Veterans:** Individuals who can verify to an organizer at the IBEW Local #357, after submitting an application, that they are an honorably discharged military veteran with a minimum two (2) years of military experience in Military Occupation Specialty (MOS) applicable to the electrical construction industry and can document as long as they apply within five (5) years from MOS experience will qualify for an oral interview by meeting the requirements of items (1.) and (2.). The aptitude test will be required for tracking purposes only.
- Individuals who can verify to an organizer at the IBEW Local #357, after submitting an application, that they are an honorably discharged military veteran as long as they apply within five (5) years from their discharge date will qualify for an oral interview by meeting the requirements of items (1.) and (2.). The aptitude test will be required for tracking purposes only.
- Miscellaneous:** Provide a copy of Transcripts from Trade School, College or any other schooling, and Military Discharge Papers (DD-214).

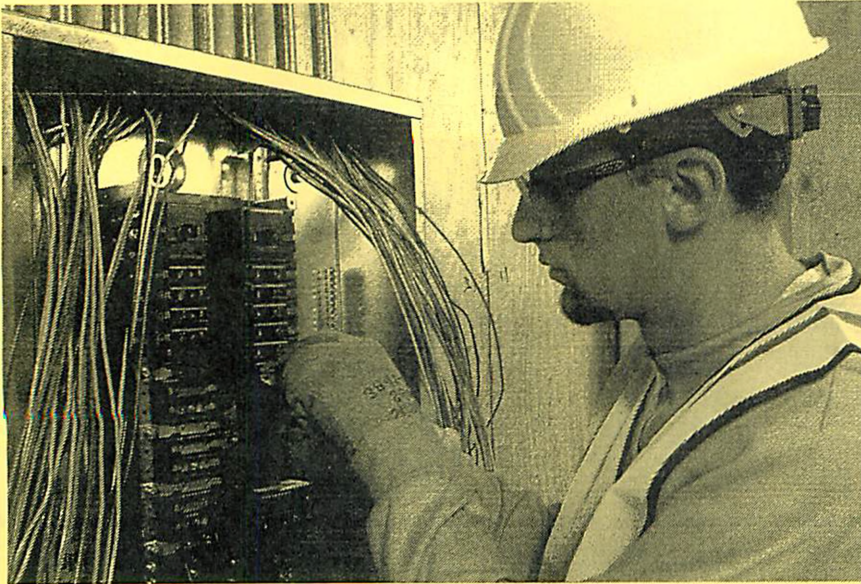
ALL DOCUMENTS MUST BE RECEIVED WITHIN THIRTY (30) DAYS FROM THE APPLICATION DATE.

Applicants who meet all basic requirements will be interviewed by the JATC. Apprentices will be selected in order of their final ranking.

Prior to being registered, applicants selected from the pool of interviewed applicants will be required to pass a drug test.

The recruitment, selection, employment and training of apprentices during their apprenticeship, shall be without discrimination because of race, color, religion, national origin, sex (including pregnancy and gender identity), sexual orientation, genetic information, or because they are an individual with a disability or a person 40 years old or older. The applicant must meet the minimum age requirement. The sponsor will take affirmative action to provide equal opportunity in apprenticeship and will operate the apprenticeship program as required under applicable law and lawful regulations issued thereunder.

Beginning rates of pay are from \$17.30 for the wireman apprentices. Raises are based upon the completion of the required on the job training hours and each school year. Journeyman Wireman rates are from \$48.43. Wages are subject to change by future contract agreements.



The Wiremen install the systems that distribute power from the point of entry in a building to the equipment within a building that uses that power.

As technology continues to grow, buildings (and the people who inhabit them) place more and more demand on their electrical systems. The tasks associated with the Wiremen continually evolve. Today's buildings are now being equipped with computer networks, energy management systems, security systems, fire alarm systems as well as the standard power distribution systems to lights and receptacles throughout the structure.

Many of the work processes of the Wireman are listed below. Properly trained Wiremen can work on a variety of types of systems that are found in today's residential installations.

- Plan and Initiate Projects
- Install Underground Power Circuit and Telephone Feeders to Entrance Facilities
- Provide or Connect to the Grounding Electrode System
- Install Pathways and Spaces for Installation of Low Voltage Wiring
- Install Pathways and Circuit Conductors for Power Distribution
- Test, Certify and Troubleshoot All System Wiring Installations
- Install Sound and Cable TV Distribution Systems
- Install Local Area Network Systems
- Install and Work on other subsystems such as Heating / Air Conditioning, Photovoltaic Generation and Energy Management Systems



Electrical JATC of Southern Nevada

NOTICE OF APPRENTICESHIP OPPORTUNITY FOR THE POSITION OF SOUND AND COMMUNICATIONS INSTALLER/TECHNICIAN APPRENTICE

This Joint Apprenticeship and Committee (JATC) is **NOT** accepting applications for the Sounds & Communications Installer/Technician (4 years) apprenticeship program at this time. Please check our website (www.earnwhileyoulearn.org) regularly for dates.

TO MEET MINIMUM QUALIFICATIONS FOR APPRENTICESHIP, APPLICANTS MUST:

1. Complete an application form.
2. Be a minimum 17 years of age: no maximum age.
Provide a copy of Driver's License, State Issued ID card, Military ID card, Permanent Resident card, Alien Registration Receipt card or U.S. Passport accepted.
3. Education: *Provide a copy of State Department of Education Issued Certificate of High School Equivalency, High School Diploma, Associates Degree or Higher*
4. Minimum Math: *Provide an official transcript* (electronical transmitted transcripts will not be accepted) stating completion of **one full year** of high school or **one semester** of post high school algebra or higher course (Pre-algebra and intro to algebra do not count) **with a passing grade.**
Provide a Certification of Completion for the NJATC Tech Math Course.
5. Aptitude Test: Obtain a qualifying score using the electrical industry's aptitude test developed and validated by the American Institutes for Research.
6. Job Corps: Individuals who can verify to an organizer at the IBEW Local #357, after submitting an application, completion of Job Corps training and graduation in the Low Voltage Electrical trade will qualify for an oral interview by meeting the requirements (1.), (2.), (3.) and (5.).
7. Work Experience: Individuals who can verify to an organizer at the IBEW Local #357, after submitting an application, that they have worked a minimum of one-thousand, two hundred (1,200) hours of work specifically in the Low Voltage Electrical Industry (by social security work history printouts) will qualify for an oral interview by meeting the requirements of its (1.) and (2.). The aptitude test will be required for tracking purposes only.
8. Veterans: Individuals who can verify to an organizer at the IBEW Local #357, after submitting an application, that they are an honorably discharged military veteran with a minimum two (2) years of military experience in Military Occupation Specialty (MOS) applicable to the low voltage electrical industry and can document as long as they apply within five (5) years from MOS experience will qualify for an oral interview by meeting the requirements of items (1.), (2.) and (3.). The aptitude test will be required for tracking purposes only.

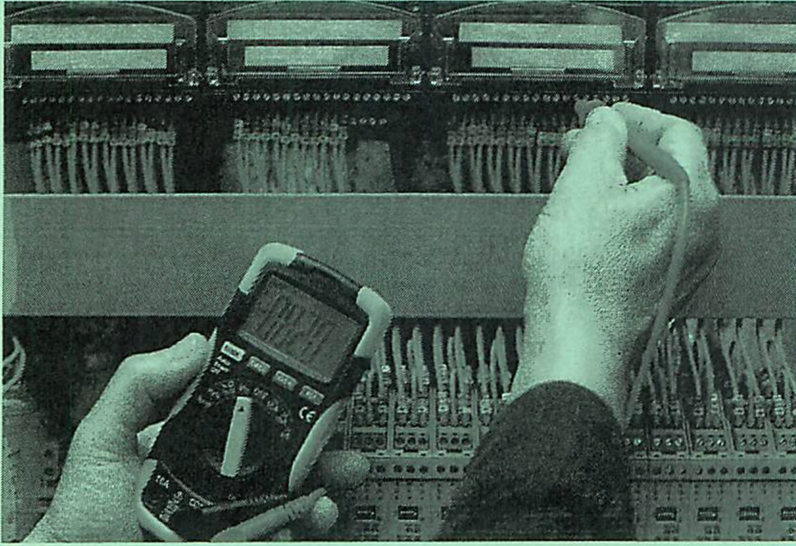
Individuals who can verify to an organizer at the IBEW Local #357, after submitting an application, that they are an honorably discharged military veteran as long as they apply within five (5) years from their discharge date will qualify for an oral interview by meeting the requirements of items (1.), (2.) and (3.). The aptitude test will be required for tracking purposes only.
9. Miscellaneous: If it applies to the applicant, *provide a copy of Transcripts from Trade School, College or any other schooling, and Military Discharge Papers (DD-214).*
10. Drug Test: Prior to being registered, applicants selected from the pool of interviewed applicants will be required to pass a drug test.

THE ABOVE DOCUMENTS MUST BE RECEIVED WITHIN THIRTY (30) DAYS FROM THE APPLICATION DATE.

Applicants who meet all basic requirements will be interviewed by the JATC. Apprentices will be selected in order of their final ranking.

The recruitment, selection, employment and training of apprentices during their apprenticeship, shall be without discrimination because of race, color, religion, national origin, sex (including pregnancy and gender identity), sexual orientation, genetic information, or because they are an individual with a disability or a person 40 years old or older. The applicant must meet the minimum age requirement. The sponsor will take affirmative action to provide equal opportunity in apprenticeship and will operate the apprenticeship program as required under applicable law and lawful regulations issued thereunder.

Beginning rates of pay are from \$17.18 for the sound and communications installer/technician apprentices. Raises are based upon the completion of the required on the job training hours and each school year. Installer/Technician rates are from \$34.01. Wages are subject to change by future contract agreements.



The Installer Technician works beside the Wireman, installing the network of low voltage cabling that is used for video, voice and data or other low voltage signaling.

While most installations are in buildings that are partially or fully enclosed to protect from sun, wind and rain, these installations often occur before air conditioning, heat or permanent light fixtures have been installed in the buildings.

Backbone voice and data cables are routed between the entrance facility, where communications signals enter a building, to equipment and telephone rooms. Voice and data horizontal cables are routed between telephone or equipment rooms and individual workstations throughout the building.

Equipment rooms often contain energized equipment such as hubs, file servers or telephone switches. These devices are configured and connected to the communications network that serves the building and must not be interrupted.

The Installer Technician installs voice and data outlets at workstations. In addition, they install punch down blocks and cross connects in telephone rooms. These may be wall-mounted or rack-mounted and must be grouped and identified according to specific installation standards. Whether the work is in new construction or in existing office or manufacturing space, the IBEW-NECA craftsman takes pride in the work he or she has and can perform.

Many of the work processes of the Installer Technician are listed below. Properly trained Installer Technicians can work on a variety of types of systems, including systems for video, voice and data.

- Plan and Initiate Projects
- Install Underground Voice or Data Circuit Feeders to Entrance Facilities
- Provide or Connect to the Grounding Electrode System
- Install Pathways and Spaces for Installation of Low Voltage Wiring
- Install, Terminate and Test Wires and Cables, both Copper and Fiber-Optic
- Install, Test, Certify and Troubleshoot Local Area Network (LAN) Cabling Systems
- Lay Out, Install and Verify Operation of Security and Access Control Systems
- Install Communications and Sound Distribution Systems
- Provide Testing, Analysis and Repair of Video, Voice and Data Systems; including Electronic Devices such as Gateways, Routers, Hubs, NIC Cards, Telephone Switches, etc.
- Prefabricate Systems, such as Telecommunications Racks, for Field Installation
- Work on other Sub-systems such as Communications, Entertainment, Environmental, Life Safety, Energy Management and Custom Lighting