



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) will be accepting applications for the Sounds & Communications Installer/Technician (4 years) apprenticeship program online starting on **August 15th, 2022 at 7:30 am PST until August 26th, 2022 at 4:30 pm PST.** Please visit www.earnwhileyoulearn.org/program-requirements/ to submit an application.

TO MEET MINIMUM QUALIFICATIONS FOR APPRENTICESHIP, APPLICANTS MUST;

1. Complete an application form, accurately responding to all questions.
2. Be a minimum of 17 years-old; 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 (electronically transmitted official transcripts **MUST** be submitted by the applicant's school via email to applications@earnwhileyoulearn.org) 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 from the NJATC Tech Math Course.**
5. Miscellaneous: Provide a copy of Transcripts from Trade School, College or any other schooling, and Military Discharge Papers (DD-214).
6. Upon receipt of the above documents: Each applicant will be required to take the Aptitude Test prepared by the electrical training ALLIANCE. The applicant will be required to obtain a qualifying score to be eligible for the oral interview.
7. Work Legally in the United States: Each applicant must be able to work legally in the United States and provide a valid social security number. The JATC will not seek to verify authorization to work in the U.S., since that is the responsibility of Employers during on-the-job training, but if the JATC learns that an applicant is not eligible to work and will not be eligible at the time of registration, the JATC may terminate the application.
8. Capabilities & Performance: Each applicant must be capable of completing all requirements of the apprenticeship program and performing the work required of an electrical worker, with or without reasonable accommodations, including being able and willing to:
 - (i.) Safely perform or learn to safely perform the essential functions of the job;
 - (ii.) get to and from work at job sites anywhere within the geographical jurisdiction of this Apprenticeship Program;
 - (iii.) attend and successfully pass all related instruction;
 - (iv.) understand and follow all JATC Rules and Policies;
 - (v.) climb and work from ladders, scaffolds, poles, and towers of various heights;
 - (vi.) push, pull, crawl, crouch, and work in confined spaces such as attics, manholes and crawlspaces, lift 25-50 pound objects on a fairly consistent schedule, and use various hand and power-assisted tools to install conduit, wiring, fixtures, devices, and electrical apparatus within commercial and industrial buildings;
 - (vii.) read, hear, speak and understand instructions and warnings in English.

Some applicants may be qualified for the apprenticeship program based upon military service, industry experience, Job-Corp Training Program or Pre-Apprenticeship Training Program. All applications will be reviewed to see if applicant qualifies under one of these categories. For more information, please visit www.earnwhileyoulearn.org/program-requirements/.

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

An applicant must submit an application prior to submitting required documents. Documents can be dropped-off at the JATC Office (620 Leigon Way, Las Vegas, NV 89110) Monday through Friday 7:30 am until 4:30 pm, mailed to the JATC Office (620 Leigon Way, Las Vegas, NV 89110) or emailed to applications@earnwhileyoulearn.org (electronically transmitted official transcripts **MUST** be submitted by the applicant's school).

Applicants who meet all minimum eligibility requirements will be interviewed by the JATC. Apprentices will be selected for possible registration in order of their final ranking. Prior to being registered, all selected applicants (including those admitted through direct entry) will be required to pass a drug test. The cost of the tests is borne by the JATC. If the applicant fails any pre-registration drug test, refuses to take any pre-registration drug test, or has insufficient hair or urine for any pre-registered drug test, each of which constitutes a failed pre-registered drug test, the conditional offer will be revoked.

EEO/AA Opportunity: The sponsor will not discriminate against apprenticeship applicants or apprentices based on 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, or any other characteristic protected under applicable federal, state or local law. The sponsor will take affirmative action to provide equal opportunity in apprenticeship and will operate the apprenticeship program as required under Title 29 of the Code of Federal Regulations, Part 30 and other applicable laws.

Beginning rates of pay for Sound & Communications Installer/Technician apprentices is 50% (\$17.58) of Installer/Technician scale (\$35.16). Pay upgrades are based upon the completion of a minimum amount of on-the-job training hours and completion of each school year. 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