**Posted:** November 11, 2026

NEW MEXICO TECH
SCIENCE • ENGINEERING • RESEARCH UNIVERSITY

# POSITION ANNOUNCEMENT

**TITLE:** ELECTRONICS TECHNICIAN **DEPT:** PRTC

**REG** ☑ **TEMP** ✖ **FULL TIME** ☑ **PART TIME** ○

**STARTING RATE or SALARY RANGE** $20.00 - $23.00
Employees being promoted to a higher classified position receive the minimum for the position or a pay rate adjustment of 8% whichever is greater.
**All regular positions also entitle the employee to several benefits including health, dental, vision, life insurance, and retirement which is largely paid by New Mexico Tech for the employee and dependents.**

**INTERNAL POSTING THROUGH: Concurrent*** CONSIDERATION WILL BE GIVEN FIRST TO TEMPORARY AND REGULAR TECH EMPLOYEES WHO APPLY WITHIN THE 7 DAY INTERNAL POSTING. APPLICATIONS RECEIVED AFTER THE 7 DAY POSTING MARGIN WILL BE CONSIDERED WITH OTHER OUTSIDE APPLICANTS.

## JOB SUMMARY:

The Electronics Technician installs, operates and maintains the communications, wireless, network and power infrastructure at the Playas Research and Training Center (PRTC). The work keeps PRTC's test ranges reliable, safe and ready for government, industry and academic customers.

The position mainly supports a wireless Hub: seven multi-purpose communications tower sites spread across an open-air wireless test range of more than 400 square miles. The range supports 5G, emerging 6G, spectrum-sharing and resilient-communications research, development, testing and evaluation (RDT&E). The technician also supports the Cyber Kinetic Combat Environment as workload requires, and cross-trains so the technical team has coverage and continuity.

The incumbent commissions, troubleshoots and maintains radios, antennas, fiber, low-voltage, network and site power systems. They also prepare test sites, integrate customer equipment and support field experiments. The work includes operating man lifts, climbing towers under PRTC safety procedures, and driving equipment between remote sites.

PRTC provides structured on-the-job and classroom training during the first 9–12 months. During that period the incumbent must obtain a CDL Class B and certifications in tower climbing and rescue, aerial lift operation, fiber optic splicing and low-voltage systems.

## JOB FUNCTIONS:

Install, commission, configure and maintain tower-site communications infrastructure. This covers radios, antennas, RF feed lines, network switches and routers, instrumentation and power connections at multiple remote tower sites. It keeps the range operational for customers.

Support test execution and customer service. Prepare test sites, deploy and integrate customer equipment, and configure 5G/6G test networks and temporary experimental layouts. Calibrate and operate spectrum analyzers, software-defined radios, oscilloscopes, network analyzers and other test equipment. Collect and

document performance data. Support concurrent experiments, interference assessments, demonstrations and acceptance testing.

Troubleshoot, isolate faults and perform corrective maintenance on electronic, electro-mechanical, RF and network systems. Respond to outages at remote sites, restore service, and repair or modify equipment as directed.

Install, splice, terminate, test and certify fiber optic and low-voltage cabling. This includes Ethernet, data, control and power cabling between towers, shelters and test areas. Read and work from schematics, drawings and service manuals.

Perform preventive maintenance and readiness inspections on equipment shelters, HVAC and environmental controls, power distribution, grounding, lightning protection, and backup power and generator systems. Includes rodent and environmental-hazard prevention.

Perform elevated work safely. Operate man lifts and aerial work platforms, and climb towers to mount, align, inspect and maintain antennas and equipment. Follow fall-protection, RF-exposure, lockout/tagout and two-person-rule procedures. Coordinate certified contractors for specialized tower or electrical work.

Operate and transport. Drive CDL Class B vehicles and haul equipment, materials and spares between dispersed sites over remote and unimproved roads. Load and secure cargo, and do vehicle pre-trip inspections.

Document work, track assets and train. Record test configurations, service requests, maintenance records and corrective actions. Maintain asset tracking and spare-parts inventory. Complete required safety, technical and certification training, and take part in cross-training across PRTC programs.

## REQUIRED QUALIFICATIONS:

High School (or GED) level ability in spelling, grammar, composition and math. Basic understanding of electrical and electronic principles, such as voltage, current, circuits and grounding, from schooling, the trades, the military or hands-on work. Ability to read and follow technical instructions, diagrams and safety procedures, and to keep accurate written records. Ability to work outdoors at a remote, austere site in all weather. Willing to work at heights, in confined spaces and on tower structures once trained. Ability to work independently and as part of a team.

## DESIRED QUALIFICATIONS:

An associate's degree, or a 6–18 month certificate or diploma program, in Electronics Technology, Telecommunications, Electrical/Instrumentation Technology or a related field. Military electronics or communications training also qualifies. 1–2 years of electronics, electrical, telecom, cabling, IT/network or tower experience. Aerial work platform (man lift) operator certification CDL Class B with a DOT medical card Tower climbing, fall protection and rescue certification Fiber optic splicing and termination certification Competency in RF test equipment, network configuration and site maintenance procedures. Eligibility to obtain and maintain a Top Secret DOD clearance. Valid driver's license, an acceptable driving record and a passed drug screen.

## LIFTING REQUIREMENTS:

(f)requently, (o)ccasionally, or (s)eldom

| | |
|---|---|
| 0 - 15 pounds | F |
| 15 - 30 pounds | F |
| 30 - 50 pounds | O |
| 50 - 100 pounds | O |
| 100 + pounds | S |

## PHYSICAL DEMANDS:

| | | | |
|---|---|---|---|
| Standing 25% | Sitting 15% | Walking 15% | Pulling 3% |
| Pushing 4% | Lifting 5% | Stooping 5% | Kneeling 10% |
| Crawling 3% | Climbing 10% | Reaching 5% | Other |

Apply to: nmtjobapps@npe.nmt.edu