Posted: **December 9, 2021**

NEW MEXICO TECH
SCIENCE • ENGINEERING • RESEARCH UNIVERSITY

POSITION ANNOUNCEMENT

TITLE: INSTRUMENTATION ENGINEER I **DEPT:** EMRTC

REG ☑ **TEMP** ☐ **FULL TIME** ☑ **PART TIME** ☐

STARTING RATE or SALARY RANGE: $50,000-$60,000
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: December 17, 2021* 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 DUTIES:

Instrumentation Engineer will work with a team of engineers and technicians to design, build, field, operate, and maintain sensors, electronic instruments, data acquisition equipment, and control systems to support energetic materials research and testing, at the EMRTC test site and other sites as required. This work will require circuit design, fabrication, and programming of unique electronic packages for many types of instruments. This position also requires working in the EMRTC field laboratory, running data acquisition systems, cabling, installing connectors, troubleshooting electronic equipment, high speed digital camera set up, operation and maintenance. Working with accelerometers, blast instrumentation and other diagnostic equipment.

REQUIRED QUALIFICATIONS:

Bachelor's Degree required in Electrical Engineering, Mechanical Engineering or Physics. Circuit design, electronics, fabrication, and programming desired. Sensor calibration, installation, and data acquisition experience desired. Explosives or Energetic Materials field testing experiences desired. Must be able to obtain a security clearance. Must have a valid New Mexico Driver's License. Must be fully vaccinated for COVID-19.

Apply to: New Mexico Tech, Human Resources 801 Leroy Pl. Brown Hall Box 229, Socorro, NM 87801-4796