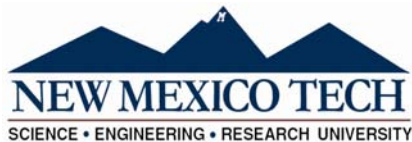


Posted: December 3, 2019



POSITION ANNOUNCEMENT

TITLE: SENIOR ENGINEER/ SEISMIC PROJECTS R&D **DEPT:** IRIS/ PASSCAL

REG **TEMP** **FULL TIME** **PART TIME**

STARTING RATE or SALARY RANGE Negotiable

Employees being promoted to a higher classified position receive the minimum for the position or a pay rate adjustment of 8% whichever is greater.

INTERNAL POSTING THROUGH: December 11, 2019* 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:

Core responsibility is to support PASSCAL engineering projects primarily in the lab and in the field as needed. Duties include: Research new products, materials and technologies that could advance the equipment pools and optimize support for PI experiments, test, develop and apply methods for testing seismic instrumentation and ancillary scientific equipment; development of specialized equipment to support geophysical installations in all environments; produce reports and maintain documentation and web content related to testing of scientific equipment; and as appropriate, field support of seismic experiments.

REQUIRED QUALIFICATIONS:

Bachelor's degree required area of study engineering, plus 7 years' or more directly applicable experience OR Master's degree required area of study engineering, plus 5 or more years' directly applicable experience. Working knowledge of seismometers required. Advanced knowledge of seismic data loggers required. Advanced knowledge of DC power systems required. Advanced knowledge of Telemetry power systems required. Proven engineering design capabilities required. Familiarity with CAD and modeling software & tools required. Familiarity with time series data formats required. Seismic field experience in a mixture of locations, including very remote areas required. Proficient in electrical engineering and EE demonstrated design skills required. Demonstrated ability to analyze remote seismic stations performance required. Proficient in technical writing and communication of technical concepts required. Must be able to obtain a valid passport and driver's license.

Apply to: New Mexico Tech, Human Resources 801 Leroy Pl. Brown Hall Box 201, Socorro, NM 87801-4796
OR email application and include job title as subject line to: nmtjobapps@npe.nmt.edu