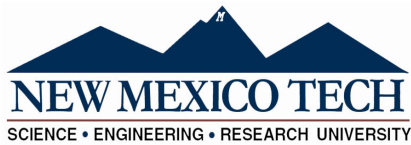


**Posted:** December 13, 2022



## POSITION ANNOUNCEMENT

**TITLE:** TECHNOLOGIST/ MICROSCOPIST

**DEPT:** MATERIALS ENGINEERING

**REG**

**TEMP**

**FULL TIME**

**PART TIME**

**STARTING RATE or SALARY RANGE** \$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:** 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 Materials & Metallurgical Engineering Department at New Mexico Tech has an open position for a microscopist / technologist. The ideal candidate will assist in maintaining the equipment in the Materials department and train students and staff on the proper operation. The equipment is used for characterizing and testing the properties of materials. The equipment includes electron microscopes, furnaces, optical microscopes, 3D printers, hardness testers, tensile testers, rheometers, and the like.

### JOB FUNCTIONS:

|   |     |
|---|-----|
| Training staff and students             | 20% |
| Maintaining and repairing equipment     | 20% |
| Ordering supplies                       | 10% |
| Billing for equipment usage             | 10% |
| Safety and environmental considerations | 15% |
| Operating the electron microscopes      | 20% |
| Other duties as assigned                | 5%  |

### REQUIRED QUALIFICATIONS:

Materials characterization/testing. Electron microscopy. Troubleshooting electrical or mechanical. Computer skills.

### DESIRED QUALIFICATIONS:

Bachelor's Degree in Materials, Metallurgy, or any Engineering.

### LIFTING REQUIREMENTS:

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

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

**PHYSICAL DEMANDS:**

|              |             |              |              |
|--------------|-------------|--------------|--------------|
| Standing 10% | Sitting 90% | Walking 10%  | Pulling 100% |
| Pushing 5%   | Lifting 10% | Stooping 10% | Kneeling 1%  |
| Crawling 1%  | Climbing 2% | Reaching 10% | Other 10%    |

Apply to: [nmtjobapps@npe.nmt.edu](mailto:nmtjobapps@npe.nmt.edu)