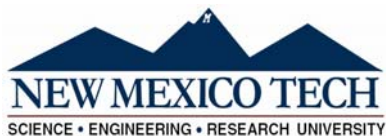


**Posted:** May 28, 2019



## POSITION ANNOUNCEMENT

**TITLE:** OPTO-MECHANICAL ENGINEER    **DEPT:** MAGDALENA RIDGE OBSERVATORY

**REG**

**TEMP**

**FULL TIME**

**PART TIME**

**STARTING RATE or SALARY RANGE:** \$42,640-\$53,248

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:** June 5, 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:

In general, the major role of the Opto-Mechanical Engineer is to support the project as a whole, but mainly the mechanical engineering group. This includes mechanical design and drafting, documentation, small procurements and prompt interaction with vendors, installation of hardware in the laboratory and on the Magdalena Ridge, mechanical hardware alignment, testing of equipment and operations.

Specifically, the position will include:

- Mechanical design and development using solidworks
- Production of fabrication drawing using SolidWorks
- Procurements and interactions with vendors and machine shops

The opto-mechanical engineer will work both in the MRO offices on NMT campus in Socorro and at the Observatory on Magdalena Ridge.

### REQUIRED QUALIFICATIONS:

Bachelor's degree required in Mechanical Engineering. Solid works modeling required. Matlab coding desired. Experience designing mechanical components required. A valid NM Driver's License required.