

**Posted:** August 4, 2023



## POSITION ANNOUNCEMENT

**TITLE:** LINUX SYSTEMS & NETWORK ADMINISTRATOR

**DEPT:** MROI/ PHYSICS

**REG**

**TEMP**

**FULL TIME**

**PART TIME**

**STARTING RATE or SALARY RANGE** \$55,000-\$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: 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:

New Mexico Tech is currently constructing the Magdalena Ridge Observatory Interferometer (MROI), an array of astronomical telescopes that will make images at angular resolutions 50 times better than the James Webb Space Telescope. The Linux Systems and Network Administrator will join the team delivering the MROI and will be responsible for the system and network administration of the computer hardware associated with the project. They will provide technical leadership of the network security and system administration of the hardware supporting the software development of the MROI, overseeing the systems at the Research Office building and the Magdalena Ridge. They will maintain the MROI servers, support infrastructure (e.g., printers, backup servers etc), and document archives and contribute to the support of secure up-to-date content management. They will liaise with the Project Engineer, Project Scientist, and the System Architects, to ensure a secure computing environment to support successful software development, commissioning, and operation of the MROI Interferometer.

### JOB FUNCTIONS:

Day-to-day oversight, planning and maintenance of the MRO network infrastructure at the ROB, on campus and at the Magdalena Ridge. 25%

Day-to-day oversight, planning and tasks associated with System Administration of the MROs servers and desktop computer systems at the ROB, on campus and at the Magdalena Ridge. 25%

Development and support of the MROI document repository, digital archive and peripheral services. 25%

Supporting computing needs for outreach, development, and science-related activities. 5%

Other duties as assigned. 20%

### REQUIRED QUALIFICATIONS:

Associate's degree or completion of program 18+ months after high school, Computer Science or other CS-related discipline, with 3 or more years of Linux-based System Administration and Network Administration experience. Expertise in Linux-based System Administration. Expertise in Network Administration and Security. Experience of setting up and maintaining peripheral infrastructure, e.g., VOIP phones, printers etc. Experience in specifying and deploying computer hardware. Excellent documentation and communication skills. Ability to obtain a NM Driver's License and take the DDC course to be able to drive NMT vehicles.

**DESIRED QUALIFICATIONS:**

Bachelor's Degree in Computer Science, or any bachelor's degree with 3 or more years of Linux-based System Administration and Network Administration. Experience of programming in Python, Java or C. Experience of database maintenance and operation. Knowledge of software/hardware interfacing.

**LIFTING REQUIREMENTS:**

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

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

**PHYSICAL DEMANDS:**

Standing 5%	Sitting 60%	Walking 5%	Pulling 5%
Pushing 5%	Lifting 5%	Stooping 5%	Kneeling 5%
Crawling	Climbing	Reaching 5%	Other

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