



1400 W Mars Hill Rd, Flagstaff, AZ 86001-4499 | USA  
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## POSITION ANNOUNCEMENT

### **MECHANICAL TECHNICIAN I/II**

The Mechanical Technician assists with design, procurement, assembly, testing, installation, and maintenance of facility systems and equipment for Observatory telescope facilities and systems. Although this position primarily supports the Anderson Mesa and Mars Hill telescopes, the Mechanical Technician may perform similar duties at other facilities of Lowell Observatory, including the Navy Precision Optical Interferometer (NPOI) and Lowell Discovery Telescope (LDT) campus. This position is a member of the Technical Facilities group and reports to the Technical Facilities Manager.

#### **RESPONSIBILITIES**

This position is responsible for the following areas:

- facilities (including existing telescopes): mechanical aspects of inspection, maintenance, repair, troubleshooting
- equipment (including tools, spares, and PPE): repair/assembly/testing, organization and storage, procurement/inspection/verification
- documentation: routine maintenance and safety procedures
- operation: facility aerial work platform, bridge crane, forklift, and skid-steer loader
- assist with: clearing snow during winter
- other duties as needed and directed by the Technical Facilities Manager

#### **EDUCATION/EXPERIENCE**

The Mechanical Technician-I should possess a minimum of trade school certificate or associate's degree in mechanical technology, or equivalent military training, or 3 or more years of relevant experience. Experience including metal parts fabrication, heavy equipment operation, machine tool operation, mechanical equipment assembly and maintenance, and general facility maintenance is required. Experience with cryogenic and vacuum systems is a plus. The candidate must have the ability to read and understand engineering drawings and documentation, and should be familiar with MS Office software. Familiarity with CAD software is a plus. OSHA crane and general safety certification is a plus.

The Mechanical Technician-II should have additional experience specifically involving maintenance and/or construction of astronomical telescope facilities or other complex technical facilities.

#### **QUALIFICATIONS**

- Attention to detail
- Ability to prioritize, work effectively during time critical periods, and complete tasks on schedule
- Self-motivated, and able to effectively support operation and maintenance of facility and telescope systems

- Time management skills to accommodate the demands of a high-pressure/volume workload characterized by numerous competing actions, projects, and issues that may frequently be highly complex and technically challenging in nature.
- Ability to communicate effectively orally and in writing

## WORKING CONDITIONS

The Mechanical Technician will be required to perform physically demanding tasks, including climbing; lifting, carrying, and using heavy equipment and tools; and occasionally working in confined spaces. Outdoor work is occasionally required including under inclement weather conditions.

<b>Status:</b>	Full Time, Regular
<b>Hours:</b>	40 Hours/Week
<b>Compensation:</b>	Est \$22.60 -\$28.84/hour. DOE
<b>Location:</b>	Flagstaff, Mars Hill Campus, LDT, and Anderson Mesa
<b>Benefit Eligible:</b>	Yes
<b>FLSA Classification:</b>	Non-Exempt

### To Apply:

Please send the following documents to [humanresources@lowell.edu](mailto:humanresources@lowell.edu)

- Short Form Application ([www.lowell.edu/careers](http://www.lowell.edu/careers))
- Letter of interest addressing your qualifications
- Resume
- Phone numbers and e-mail addresses of three professional references

Inquiries may be sent to Dr. Amanda Bosh, Observatory Operations Manager ([amanda@lowell.edu](mailto:amanda@lowell.edu))

**Applications received by Midnight November 28<sup>th</sup> 2021 will receive full consideration; position open until filled.**

\*Benefits Overview: In addition to 11 scheduled paid holidays, Lowell Observatory offers a Flexible Paid Time Off policy for all full-time, benefit eligible employees which allows you to determine how much time you need to rest and enjoy yourself outside of work. Paid time off also includes paid Parental and FMLA leaves. The cost of premiums for medical, life & long term disability insurances for benefit eligible employees is 100% paid by the company, and includes a contribution to either an H.S.A or HRA account for first dollar medical expenses. Up to a 5% match on retirement contributions after 6 months of employment and funds in lifestyle spending account provided by the observatory.

### Employment is subject to passing a background check

Lowell Observatory is proud to be an equal opportunity workplace and is an affirmative action employer. We are committed to equal employment opportunity regardless of race, color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, gender identity or Veteran status. Lowell Observatory has always been, and always will be, committed to diversity and inclusion. We seek individuals from all backgrounds to join our teams, and we encourage our employees to bring their authentic, original, and best selves to work.

Lowell Observatory sits at the base of mountains sacred to tribes throughout the region. We honor their past, present, and future generations, who have lived here for millennia and will forever call this place home.

Lowell Observatory is committed to providing access, and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. Our non-smoking campus is at an elevation of 7,200ft/2200m, and the LDT is 40 miles south of Flagstaff at an elevation of 7,800 ft/2370m. If you need a reasonable accommodation for any part of the application and hiring process, please notify the Human Resources office for assistance.