



Human Resources  
<http://www.hr.arizona.edu>

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## Job Posting

### Position Information

Position Title	Technical Services Specialist
Job Number	49390
Department	0404-Steward Observatory
College/Division	College of Science
Posted Rate of Pay	DOE
Position Type	Appointed
Job Open Date	01-26-2012
Job Close Date	Open Until Filled
Review Begins on (continues until position filled)	02-27-2012
Benefits Eligible	Yes
Full Time / Part Time	Full Time
Days and Schedule to be Worked	TBD
Number of Hours Worked Per Week	TBD
Limited to Current UA Employees	No
Documents required to be attached electronically with this application	Letter of Interest Resume
Documents that may be attached electronically or mailed directly to department per instructions below	
Additional application instructions (include instructions for submission)	

Steward Observatory seeks candidates for up to two positions of Technical Services Specialist. The candidate(s) will provide support to senior technicians by operating both the 12 Meter Radio Telescope on Kitt Peak as well as the Sub Millimeter Telescope on Mt. Graham. The

selected candidate(s) will work both sites as well at the Tucson offices.

#### Position Summary

This position involves working for extended periods of time at remote sites with elevations of up to 10,500 feet. Position requires candidate to be able to lift up to 50 lbs in heavy equipment, routinely climb stairs at altitude, operate heavy equipment and deal with mountain weather conditions.

This is a senior level, leadership position and requires extensive experience in radio telescope operations and theory.

Salary will be based on the qualification of the selected candidate(s).

*Outstanding UA benefits include health, dental, and life insurance; sick leave and holidays; UA/ASU/NAU tuition reduction for employee and qualified family members; access to campus cultural and recreational activities; retirement, and more!*

#### Duties and Responsibilities

- \* Coordinates with astronomers to ensure instrumentation requirements for sub-millimeter and millimeter telescope observations.
- \* Assists astronomers with instrument configuration for observing.
- \* Participates in defining observing procedures and supports collection of scientific data.
- \* Monitors on site and local weather conditions as they pertain to astronomical observations and telescope safety.
- \* Performs preventative maintenance and make minor repairs to telescope and sub-systems; performs diagnostics related to the use of the telescope.
- \* Performs other duties as assigned.

#### Arizona Board of Regents Minimum Qualifications

Not applicable for this position.

#### Additional Minimum Qualifications

- \* Four years of college or technical school training appropriate to the area of assignment and two years of experience with state of the art research or related instrumentation; OR, six years of experience operating telescopes with start of the art research or related instrumentation.
- \* The selected candidate must possess the ability to service the telescope including climbing on the structure that is 50 feet above the ground using the proper safety equipment.
- \* The selected candidate must be able to work long shifts up to 12 hours a day, seven days straight with a week off in between.
- \* The candidate will need to be on call and need to be able to respond on short notice.
- \* The candidate must be able to work in extreme cold and warm work environments.
- \* Candidate must possess good communication skills, both written and verbal.
- \* Experience with cryogenically cooled instruments.
- \* Knowledge of millimeter radio telescopes, observing techniques and applications.
- \* Knowledge of radio astronomical instrumentation and related microwave engineering equipment.
- \* Familiarity with heavy equipment including cranes, forklifts and manlifts.

Preferred Qualifications	<ul style="list-style-type: none"> <li>* Coordinates with astronomers to ensure instrumentation requirements for sub-millimeter and millimeter telescope observations.</li> <li>* Assists astronomers with instrument configuration for observing.</li> <li>* Participates in defining observing procedures and supports collection of scientific data.</li> <li>* Monitors on site and local weather conditions as they pertain to astronomical observations and telescope safety.</li> <li>* Performs preventative maintenance and make minor repairs to telescope and sub-systems; performs diagnostics related to the use of the telescope.</li> <li>* Good vision is required to monitor and control critical equipment.</li> <li>* Good judgment is required in operating a remote telescope facility.</li> </ul>
Standard Pre-Employment Screening	The University of Arizona conducts pre-employment screening for all positions, which includes a criminal background check, verification of academic credentials, licenses, certifications, and work history.
What kind of criminal background check is required for this position?	This position is non-security sensitive and requires a name-based criminal background check
Supplemental Pre-Employment Screening	None
Job Category	Computer, Engineering and Technical

As an equal opportunity and affirmative action employer, the University of Arizona recognizes the power of a diverse community and encourages applications from individuals with varied experiences and backgrounds.

The University of Arizona is an EEO/AA - M/W/D/V Employer.

If a job is reposted, you will be unable to apply for it a second time. You can compare the job number of a posted job to the job number on the Application Status page to see if you have already applied for that position.

Apply on-line at [www.uacareertrack.com](http://www.uacareertrack.com)