

Laboratory Technician - Earth Sciences (Part-Time)  
Mt. San Antonio College

Direct Link: <https://www.AcademicKeys.com/r?job=255548>

Downloaded On: Jun. 20, 2025 12:21am

Posted Apr. 9, 2025, set to expire Jun. 30, 2025

**Job Title** Laboratory Technician - Earth Sciences (Part-Time)  
**Department**  
**Institution** Mt. San Antonio College  
Walnut, California

**Date Posted** Apr. 9, 2025

**Application Deadline** Open until filled  
**Position Start Date** Available immediately

**Job Categories** Part-Time/Temporary Staff

**Academic Field(s)** Research/Technical/Laboratory

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**Job Description**

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**Position Number:** CM-230-2024

**Division:** Natural Sciences

**Department:** Earth Sciences & Astronomy

**FTE:** 50

**Term (month/year):** 12 Months/Year

**Annual Salary Step Range:** \$32,810.20-\$41,875.62

**Initial Screening Date:** 05/08/2025

**Open Until Filled:** Yes

**Position Description**

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### **Position Overview:**

#### **Definition:**

Under general supervision, provides instructional support services for faculty and students of the Earth Sciences program; prepares and sets up laboratory exercises, demonstrations, instructional materials, creates displays, and participates in geological field excursions; assists students and faculty in the use and operation of equipment and materials.

#### **Supervision Received and Exercised:**

Receives general supervision from the Dean, Natural Sciences. Exercises no direct supervision of staff. Provides technical and functional direction and training to student workers.

#### **Class Characteristics:**

This is a journey-level classification responsible for conducting a variety of instructional support activities to ensure student learning. Incumbents perform the full range of duties as assigned, working independently, and exercising judgment and initiative. Incumbents at this level receive only occasional instruction or assistance as new or unusual situations arise and are fully aware of the operating procedures and policies of assigned area of responsibility. This classification is distinguished from other laboratory technicians by having subject matter expertise in Earth Sciences.

#### **Examples of Essential Functions(Illustrative Only):**

1. Prepares and sets up laboratory exercises, demonstrations, and instructional materials; monitors laboratory environment; organizes, arranges, stocks, and distributes materials, equipment, and supplies.
2. Provides instructional support services for the Earth Sciences program; assists in instructional demonstrations of laboratory procedures and techniques; explains related principles, practices, procedures, methods, materials, terminology, tools, and equipment.
3. Installs and maintains instructional software and ensures computers and related equipment function properly.
4. Ensures proper use of laboratory equipment by monitoring activities according to established rules and policies.
5. Researches, collects and maintains laboratory inventory of specimens used in instructional activities including mineral and paleontology reference samples; maintain map and department rock and mineral

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collection; prepare and stock laboratory with rocks, minerals and fossils as assigned; conduct field excursions to identify and collect specimens; create and arrange display of collections.

6. Prepares, sets up, operates, calibrates, maintains and repairs a variety of specialized equipment related to earth sciences such as microscopes, stereoscopes, rock processing equipment, grinders, laps, meters, balances, shakers, splitters, generators, samplers, projectors, telescopes, seismographs, tape players, cameras, hand and power tools and machinery, and a variety of other geophysical, astronomical, geological, and rock processing equipment.

7. Cleans and ensures proper storage of laboratory equipment; ensures laboratory and work areas are in clean and orderly condition.

8. Maintains accurate logs, reports, and records of work performed and materials and equipment used.

9. Monitors, orders, receives, stores, and maintains adequate inventory levels of supplies and equipment, including study specimens, charts, maps, field materials, and chemicals as directed.

10. Submits work orders for maintenance and repair of equipment and facilities.

11. Learns and applies emerging technologies and, as necessary, to perform duties in an efficient, organized, and timely manner.

12. Promotes an environment of belonging as it relates to diversity, equity, inclusion, social justice, anti-racism, and accessibility.

13. Provides quality customer service when interacting with the public, vendors, students, and College staff, including individuals from minoritized groups.

14. Supports and abides by federal, state, local policies, and Board Policies and Administrative Procedures.

15. Participates on committees, task forces, and special assignments, including, but not limited to Screening and Selection Committees and mandated trainings as required.

16. Prepares and delivers oral presentations related to assigned areas as required.

17. Performs other related duties as assigned.

### **Qualifications**

#### **Knowledge of:**

1. Principles and practices of supporting a diverse, equitable, inclusive, socially just, anti-racist, and accessible academic and work environment.

2. Terminology, techniques, principles, theories, practices, and procedures related to the Earth Sciences program.

3. General methods and procedures for preparing course materials and laboratory exercises and demonstrations used in the Earth Sciences courses.

4. Set-up, operation, demonstration, and maintenance of various laboratory apparatus and equipment used in the Earth Sciences program.

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5. Methods, practices, and techniques of student learning and instruction.
6. Modern office practices, methods, and computer equipment and applications related to the work.
7. Record keeping principles and procedures.
8. English usage, spelling, vocabulary, grammar, and punctuation.
9. Techniques for providing a high level of customer service by effectively dealing with the public, students, and District staff, including individuals of various ages, disabilities, various socio-economic and ethnic groups.

### **Skills and Abilities:**

1. Advocate for and communicate the Colleges vision and commitment to creating a diverse, equitable, inclusive, socially just, anti-racist, and accessible academic and work environment.
2. Participate in addressing gaps in diversity, equity, inclusion, social justice, anti-racism, and accessibility in the recruitment and retention of staff.
3. Participate in providing resources and support towards the goal of a diverse, equitable, inclusive, socially just, anti-racist, and accessible academic and work environment.
4. Explain and apply principles, practices, procedures, methods, materials, tools, terminology, and equipment related to the Earth Sciences program.
5. Assist students and faculty in the use and operation of laboratory equipment and materials related to the Earth Sciences program.
6. Create an engaging and positive learning environment in a laboratory or other learning environments.
7. Maintain laboratory equipment, materials, and supplies used in the Earth Sciences program.
8. Interpret, apply, and explain applicable District policies, rules, and regulations related to areas of responsibility.
9. Estimate and order required supplies and equipment.
10. Establish and maintain filing, record keeping, and tracking systems.
11. Organize own work, set priorities, and meet critical time deadlines.
12. Operate modern office equipment including computer equipment and software applications programs.
13. Use English effectively to communicate in person, over the telephone, and in writing.
14. Understand scope of authority in making independent decisions.
15. Review situations accurately and determine appropriate course of action using judgment according to established policies and procedures.
16. Establish, maintain, and foster positive and effective working relationships with those contacted in the course of work.

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### Education and Experience:

1. Equivalent to an Associates degree from a regionally accredited college in earth science or related field; and
2. Experience working in an earth science classroom, laboratory, or similar setting.

### Desirable Qualifications:

1. Experience working with policies and procedures relating to diversity, equity, inclusion, social justice, anti-racism, and accessibility preferably in a minority serving institution such as Hispanic Serving Institution (HSI) and Asian American and Native American Pacific Islander-Serving Institution (AANAPISI); OR
2. Experience with participation in programs relating to diversity, equity, inclusion, social justice, anti-racism, and accessibility preferably in a minority serving institution such as Hispanic Serving Institution (HSI) and Asian American and Native American Pacific Islander-Serving Institution (AANAPISI).

### Licenses and Certificates:

None.

To apply, visit <https://hrjobs.mtsac.edu/postings/13466>

**Our Mission:** The mission of Mt. San Antonio College is to support all students in achieving their educational goals in an environment of academic excellence. Specifically, the College is committed to providing quality education, services, and workforce training so that students become productive members of a diverse, sustainable, global society. The College pledges to prepare students for lifelong learning through the mastery of basic skills, the achievement of associate degrees and certificates, and the completion of career and transfer pathways. The College will carry out this commitment by providing an engaging and supportive teaching and learning environment for students of diverse origins, experiences, needs, abilities, and goals. The College is dedicated to serving our community through improving economic achievement, advancing civic engagement, enhancing personal well-being, promoting critical thinking, and enriching aesthetic and cultural experiences.

**Our Vision:** Mt. San Antonio College strives to be regarded as one of the premier community colleges

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in the nation. We will be viewed as a leader in community college teaching, programs, and services. As a premier community college, we will provide access to quality educational programs and services, focusing on student success within a climate of integrity and respect. We will earn this reputation by consistently exceeding the expectations of our students, our staff, and our community.

The College is an equal opportunity employer. The policy of the College is to encourage applications from ethnic and racial minorities, women, persons with disabilities, and Vietnam-era veterans. No person shall be denied employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex (gender), age, sexual orientation, or the perception that a person has one or more of these characteristics.

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### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

### Contact

N/A

Mt. San Antonio College

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