

Laboratory Technician - Aeronautics (part-time)
Mt. San Antonio College

Direct Link: <https://www.AcademicKeys.com/r?job=268618>

Downloaded On: Nov. 24, 2025 2:38pm

Posted Nov. 24, 2025, set to expire Jun. 30, 2026

Job Title Laboratory Technician - Aeronautics (part-time)
Department Aeronautics, Transportation
Institution Mt. San Antonio College
Walnut, California

Date Posted Nov. 24, 2025

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Classified Staff
Part-Time/Temporary Staff

Academic Field(s) Research/Technical/Laboratory

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Job Description

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Position Number: CM-285-2025

Division: \$ATSDiv

Department: Aeronautics, Transportation

FTE: 47.5

Term (month/year): 10 Months/Year

Annual Salary Step Range: \$26,754.37 - \$34,146.08

Initial Screening Date:

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Open Until Filled: Yes

Position Description

Position Overview:

Definition:

Under general supervision, provides instructional support services for faculty and students of the Aeronautic Program; prepares and sets up laboratory exercises, demonstrations, and instructional materials, equipment, and supplies; assists students and faculty in the use and operation of equipment and materials related to aeronautics; tracks use of aviation equipment and maintains logs and records of that equipment and time-limited parts.

Supervision Received and Exercised:

Receives general supervision from the Dean, Technology and Health. 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 classification 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 occasionally 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 aeronautics.

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. Troubleshoots, repairs, maintains, and analyzes data from aeronautics equipment and simulators; ensures that all equipment and machines are in safe and operational condition.
3. Maintains, tests, and manages rechargeable battery technologies and other battery equipment.
4. Tracks the usage of aeronautics equipment and maintains a database of usage of equipment and

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5. Provides instructional support services for the Aeronautics Program; assists in instructional demonstrations of unmanned aircraft; explains related principles, practices, procedures, methods, materials, terminology, simulators, drones, and equipment.
6. Cleans and ensures proper storage of laboratory equipment; ensures laboratory and work areas are in clean and orderly condition.
7. Ensures proper use of laboratory equipment by monitoring activities according to established rules and policies.
8. Works with faculty to ensure class timeline and agendas are met.
9. Maintains accurate logs, reports, and records of work performed and materials and equipment used.
10. Monitors, orders, receives, stores, and maintains adequate inventory levels of supplies and equipment as directed.
11. Promotes an environment of belonging as it relates to diversity, equity, inclusion, social justice, anti-racism, and accessibility.
12. Provides quality customer service when interacting with the public, vendors, students, and College staff, including individuals from minoritized groups.
13. Supports and abides by federal, state, local policies, and Board Policies and Administrative Procedures.
14. Participates on committees, task forces, and special assignments, including, but not limited to Screening and Selection Committees and mandated trainings as required.
15. Prepares and delivers oral presentations related to assigned areas as required.
16. Learns and applies emerging technologies, as necessary, to perform duties in an efficient, organized, and timely manner.
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, equipment, materials, principles, theories, practices, and procedures related to the Aeronautics Program.
3. General methods and procedures for preparing course materials and laboratory exercises and demonstrations used in aeronautic courses.
4. Set-up, operation, demonstration, and maintenance of various tools and equipment used in aeronautics.
5. Use of hand-held tools and electronic testing equipment.

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6. Retrieving, decoding, and interpreting data from electronic devices and sensors.
7. Principles and techniques to troubleshoot and determine appropriate action in the maintenance and repair of equipment, simulators, and drones.
8. Methods, practices, and techniques of student learning and instruction.
9. Modern office practices, methods, and computer equipment and applications related to the work.
10. Record keeping principles and procedures.
11. English usage, spelling, vocabulary, grammar, and punctuation.
12. 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 aeronautic program.
5. Assist students and faculty in the use and operation of aeronautic equipment and materials.
6. Create an engaging and positive learning in a laboratory or other learning environments.
7. Demonstrate proper use and maintenance of equipment, materials, and supplies used in aeronautics.
8. Demonstrate proper use and data interpretation of electronic test equipment.
9. Read, interpret, and apply a wide variety of technical information from manuals, specifications, blueprints, and schematics.
10. Interpret, apply, and explain applicable District policies, rules, and regulations related to areas of responsibility.
11. Maintain tools and equipment in a clean working condition providing for proper security.
12. Estimate and order required supplies and equipment.
13. Establish and maintain a filing, record keeping, and tracking systems.
14. Organize own work, set priorities, and meet critical time deadlines.
15. Operate modern office equipment including computer equipment and software applications programs.
16. Use English effectively to communicate in person, over the telephone, and in writing.

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17. Understand scope of authority in making independent decisions.
18. Review situations accurately and determine appropriate course of action using judgment according to established policies and procedures.
19. Establish, maintain, and foster positive and effective working relationships with those contacted in the course of work.

Education and Experience:

Any combination of training and experience that would provide the required knowledge, skills, and abilities is qualifying. A typical way to obtain the required qualifications would be:

1. Equivalent to an Associates degree from a regionally accredited college in aeronautics, electronics, manufacturing, or a related field; and
2. Experience related to the position.

Desirable Qualifications:

1. Two (2) years of experience working in an aeronautics classroom, laboratory, or similar setting is preferred.
2. 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
3. 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

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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

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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 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.

Mt. San Antonio College Mission and Goals

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

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