

Instructional Lab Technician / Physics & Astronomy  
San Diego Community College District

Direct Link: <https://www.AcademicKeys.com/r?job=234337>

Downloaded On: May. 16, 2024 6:02pm

Posted Apr. 8, 2024, set to expire May 21, 2024

**Job Title** Instructional Lab Technician / Physics & Astronomy  
**Department** Physical Sciences  
**Institution** San Diego Community College District  
San Diego, California

**Date Posted** Apr. 8, 2024

**Application Deadline** 05/21/2024  
**Position Start Date** Available immediately

**Job Categories** Lecturer/Instructor

**Academic Field(s)** Sciences - Physics

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**Job Description**

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**Instructional Lab Technician / Physics & Astronomy**

**San Diego Community College District**

**Closing Date:** 5/21/2024

**Position Number:** 010433

**Location:** San Diego Miramar College

**Position Type:**

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Classified

### **The Position:**

Posting Details (Default Section)

Closing Date: 05/21/2024 Open Until Filled No Classification Title Instructional Lab Technician / Physics & Astronomy Working Title ILT - Physics and Astronomy Recruitment Limits Location San Diego Miramar College Pay Information Range 24 (\$5,350.77-\$7,026.74) per month based on the current Classified salary schedule. New employees will begin on Step E (\$5,350.77). Step placement is non-negotiable. Promoted or transferred employees will be placed as specified in the CBA. This position is FLSA Non-exempt (may accrue overtime). Excellent Benefits are provided to all Contract employees with assignments greater than, or equal to, 50% (0.50 FTE) and all eligible dependents. A temporary probationary period will apply to the employee entering this assignment. The SDCCD Employment Web Page provides a link to employee collective bargaining agreements/handbooks and more information about terms and conditions of employment to include salary and benefits. Position Equivalent FTE: 1.0 FTE No. Months: 12 Months Position Number: 010433 FLSA Status Non-Exempt (accrues overtime) Position Type Classified Bargaining Unit AFT - Classified Professionals Range 24 Department Physics The Position Applications are currently being accepted for Instructional Lab Technician/Physics & Astronomy to support the department of Physical Sciences which offers: Astronomy labs, Geology labs, Physical Sciences labs and Physics labs with one other incumbent ILT, located at San Diego Miramar College.

Hours are Monday-Friday with possible Saturday assignments. Selected candidate must be willing to adjust work days/hours based on the department's needs.

San Diego Miramar College, a student-ready college, invites all qualified candidates to apply for the position of Instructional Lab Technician for Physical Sciences. Miramar College, a leader in providing student access and success, seeks candidates who are motivated by serving students in a college community and are committed to diversity, equity, and inclusion (DEI).

We are a fast-growing and innovative college with a freshly adopted focus on diversity, equity, and inclusion as we move into a new era. Recently designated as an emerging Minority Serving Institution (MSI) the College is committed to helping students access higher education and achieve success inside and outside the classroom.

The College is located in the Mira Mesa/Scripps Ranch area of San Diego and is one of four colleges/centers in the San Diego Community College District. Our [student population](#) of 14,193 [African American (5%), Native American (<1%), Asian (14%), Filipino (7%), Latinx (30%), Multiple Ethnicities (8%), Pacific Islander (1%), White (32%), Unreported (2%)], is reflective of the diverse community we serve. In addition to expertise in their field, San Diego Miramar College seeks applicants

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who possess the knowledge, skills, and abilities to support our diverse student populations. Additionally, candidates should be able to demonstrate ways they will develop tools and resources to better serve **historically marginalized and minoritized populations**. We strongly encourage candidates who possess the experience for the position, and who are student-centered and continue to demonstrate a commitment to diversity, equity, and inclusion (DEI) to best serve our student population. Those who join our team at San Diego Miramar College can expect to be part of an inclusive, innovative, and equity-focused community that promotes broad collaboration among faculty, classified professionals, administration, students, and community and industry partners. We are proud of our commitment to create a socially just and responsive culture, host ethnically diverse speakers, and support various equity-focused professional development opportunities. Our college strives to ensure that students reach their full potential by eliminating gaps in academic outcomes that traditionally hinder students of color and disproportionately impacted students. In fact, the college's commitment to diversity, equity, and inclusion is encapsulated by our newly adopted Strategic Goal #5.

Miramar College Strategic Goal #5: Diversity, Equity, and Inclusion (DEI) - Build an environment that embraces diversity, equity, inclusion, anti-racism, and social justice for the benefit of the college community. Strategic Direction 1- Systematically update college processes, programs, and practices within a comprehensive equity framework for equity-minded practices in the workplace, the classroom, and support programs/services. Strategic Direction 2- Establish comprehensive professional development for the campus community to increase capacity around and engage in equity, diversity, inclusion, social justice, and anti-racism. Strategic Direction 3- Systematically review, develop and incorporate equity-minded practices in: 1) culturally responsive instructional pedagogy, 2) student-centered services, and 3) recruitment, screening, and retention of employees. Applicants can review Miramar College's full strategic plan on Miramar College's:

[https://sdmiramar.edu/sites/default/files/2021-07/San\\_Diego\\_Miramar\\_College\\_Fall\\_2020-Spring\\_2027\\_Strategic\\_Plan.pdf](https://sdmiramar.edu/sites/default/files/2021-07/San_Diego_Miramar_College_Fall_2020-Spring_2027_Strategic_Plan.pdf)

*Please note that an employee may be transferred to any site at the option of the Chancellor.*

Classification Description Click [here](#) for description.

*If you would like to open the link in a different tab or window, right click and select the option.* Desired Qualifications

1. Successful completion of physics and other physical science laboratory related courses.
2. Experience in setting up, preparing physics and astronomy laboratory experiments.
3. Experience in calibrating, testing, troubleshooting, and maintaining laboratory equipment.
4. Experience with computer guided telescopes, including cameras and imagers, 3D printers and associated software, computer-based physics labs, electronic testing equipment and

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microcontrollers.

5. Experience in maintaining laboratory records and monitoring budget expenditures using computer software.
6. Experience in maintaining effective working relationships within a team while also being able to work independently.
7. Experience with supporting outreach events.
8. Experience with supporting co-curricular activities in STEM and/or experiential learning.

**Foreign Degree:** Applicants with foreign degrees from colleges or universities outside of the United States must have their coursework evaluated by a professional association that is a member of the National Association of Credential Evaluation Services ([NACES](#)) or Academic Credentials Evaluation Institute, INC. ([ACEI](#)). A copy of the evaluation must be submitted with your on-line application.

**Commitment to Diversity:** All applicants must have demonstrated cultural competency and sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, gender identity, sexual orientation, and ethnic backgrounds of community college students, faculty and classified professionals. **Special Instructions to Applicants:** San Diego Miramar College is piloting anonymous screening format as a means to minimize implicit bias in the screening of applications. The anonymous screening format of applications refers to the process of reviewing applications without revealing the personal information of the applicants, such as their name, gender, or other potentially biased details. This approach aims to eliminate unconscious biases, promoting fair and objective evaluation based solely on the experience of the applicants. By anonymizing applications, screening committees create a more inclusive and diverse hiring process.

To ensure **full** consideration, qualified candidates must submit a **complete** online application that includes the items listed (extraneous material will not be reviewed). References to resumes or other uploaded documents within the online application will be considered an "incomplete" application; please enter "N/A" if any section does not apply.

1. Complete the online application, including examples and outcomes listed within the Duties section of your Employment History;
2. Complete responses to the Supplemental Questions, including examples and outcomes;
3. Resume (maximum of 2 pages emphasizing experience, education, publications or presentations, if any);
4. Three (3) References (listed within the online application); AND
5. List of Classes (Use a computer-based software program to create a PDF of this table. Create a table listing all college courses you have taken in Physics/Astronomy and/or related laboratory science. Please use the following title for the columns of your table: 1) Course Title, 2) Number of Lab Hours associated with the course, 3) number of units, 4)

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quarter or semester, 5) lower, upper, or grad level class. Note: You are required to attach this document during the "Attach documents" step of this application process please use "Other" as the document type. You may only upload a PDF file.

**Important:** To ensure consistency and fairness to all candidates, please do not submit materials other than those requested (i.e., personal photo, articles you've written, etc.). Please only upload requested documents using respective document name labels. Uploading extraneous materials, unless specifically requested within this posting, may result in your application not being reviewed. Only complete application packets will be forwarded to the committee.

- Application materials sent via mail, fax, or e-mail will **not** be accepted.
- Note that correspondence, including interview invitations, will be sent to you via e-mail.
- All inquiries, nominations and applications will be held in the strictest confidence.

### Tentative Timeline (Subject to Amendments) Conditions of Employment: **SELECTED CANDIDATE IS REQUIRED TO COMPLETE THE FOLLOWING PRIOR TO EMPLOYMENT:**

- Submit "official" college transcripts as stated on application (even if a degree is not a requirement for this position); Including Foreign Degree Evaluation, if applicable.
- Provide a Certificate of Tuberculosis Exam for initial appointment (Note: The certificate must be renewed every 4 years as a condition of continuing employment);
- Have fingerprints taken by a Live Scan computer at the District's expense (Clearance must be received prior to first day of employment);
- Present original documents for proof of eligibility to work in the United States **as required by the I9 Employment Eligibility Verification form**; AND,
- Attend a new hire processing appointment in People, Culture, and Technology Services located at the District Administrative Offices.

### **EMPLOYMENT AFTER RETIREMENT**

If you accept a contract (permanent) position with SDCCD and are a retired annuitant with CalPERS or CalSTRS, you must reinstate from your retirement system. Please reference the [CalPERS](#) or [CalSTRS](#) website for further information.

### Additional Information: **EMPLOYEE BENEFITS**

SDCCD provides a comprehensive fringe benefit package for its full-time classified employees. The

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District contributes toward the cost of the premium (including dependent coverage) for the medical insurance plan options. Additional benefits include dental, vision, sick leave, vacation and opportunities for professional development. Contract employees become members of the California Public Employees' Retirement System (CalPERS) upon appointment. Posting Number CL01643

**Major Responsibilities:**

**Qualifications:**

**Desired Qualifications:**

1. Successful completion of physics and other physical science laboratory related courses.
2. Experience in setting up, preparing physics and astronomy laboratory experiments.
3. Experience in calibrating, testing, troubleshooting, and maintaining laboratory equipment.
4. Experience with computer guided telescopes, including cameras and imagers, 3D printers and associated software, computer-based physics labs, electronic testing equipment and microcontrollers.
5. Experience in maintaining laboratory records and monitoring budget expenditures using computer software.
6. Experience in maintaining effective working relationships within a team while also being able to work independently.
7. Experience with supporting outreach events.
8. Experience with supporting co-curricular activities in STEM and/or experiential learning.

**Licenses:**

**Pay Information:**

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employee collective bargaining agreements/handbooks and more information about terms and conditions of employment to include salary and benefits.

**To apply, visit:** <https://www.sdccdjobs.com>

*All applicants must have demonstrated cultural competency and sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, gender identity, sexual orientation, and ethnic backgrounds of community college students and staff.*

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**Contact Information**

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

**Contact**

Physical Sciences  
San Diego Community College District

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