

Lab Instructor - Physics
University of Doha for Science and Technology

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Posted Nov. 13, 2024, set to expire May 4, 2025

Job Title Lab Instructor - Physics

Department College of General Education

Institution University of Doha for Science and Technology
Doha, , Qatar

Date Posted Nov. 13, 2024

Application Deadline Dec. 31, 2024

Position Start Date August 2025

Job Categories Lecturer/Instructor

Academic Field(s) Physics - General

Job Website https://academiccareers-udst.icims.com/jobs/3798/00001653---biology/job?mode=apply&apply=yes&in_iframe=1&hashed=-1834358634

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Job Description

University of Doha for Science and Technology (UDST) was officially established by the Emiri Decision No13 of 2022, and it is the first national university specializing in academic applied, technical, and professional education in the State of Qatar. UDST has over 70 bachelor's and master's degree programs, diplomas, and certificates. The university houses 5 colleges: The College of Business, the

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College of Computing and Information Technology, the College of Engineering and Technology, the College of Health Sciences, and the College of General Education, in addition to specialized training centers for individuals and companies. UDST is recognized for its student-centered learning and state-of-the-art facilities. Its world-renowned faculty and researchers work on developing the students' skills and help raise well-equipped graduates who proudly serve different sectors of the economy and contribute to achieving human, social, and economic development goals nationally and internationally.

With more than 700 staff and over 8,000 students, UDST is the destination of choice for applied and experiential learning. The University is recognized for its student-centered learning and state-of-the-art facilities. Our faculty are committed to delivering pedagogically-sound learning experiences that incorporate innovative learning technologies. Our aim is to enhance students' skills and help develop talented graduates who can effectively contribute to a knowledge-based economy and make Qatar's National Vision 2030 a reality.

The College of General Education provides a range of core courses common to all students of the University, in subject areas that support the academic structure of the undergraduate programs. The General Education Curriculum is designed around courses in mathematics, natural sciences, research methods, English communication, social sciences, humanities and the arts, aimed at developing students' understanding of fundamental scientific concepts and their applications.

To enhance its curriculum in Physics and applied interdisciplinary learning and teaching, the College of General Education is inviting applications for a Physics Lab Instructor, starting in August 2025.

Benefits

Our eligible employees enjoy competitive compensation and benefits, in accordance to applicable UDST policies. These benefits include:

- Generous academic annual leave
- Tax free salary
- Fully furnished upmarket accommodation {inclusive of utilities: water & electricity}
- Annual flights for spouse and 3 children {up to 18 years old}
- Children's education allowance
- Relocation/Shipping allowance
- Professional development opportunities
- International health insurance
- In-house immigration services (to help you through the residency process)

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- Full access to our recreational facilities
- Research and professional development support.

Education and Experience Requirements

- Master's Degree in Physics or applied physics from a recognized institution.
- A minimum of three (3) years of prior full-time teaching experience within higher education institutions in an English-speaking institution, with a focus on instructing Physics Laboratory courses.
- Strong knowledge of Physics principles and laboratory techniques.
- Demonstrate reliability, responsibility, and flexibility in managing the teaching and learning environment.
- Effective written and verbal communication skills in English; interpersonal skills that contribute to a healthy workplace environment.
- Collaborative and collegial spirit and a demonstrated ability to work effectively as part of a team.
- Strong organizational and time management skills.
- Enthusiasm for teaching and helping students learn.

Responsibilities

Your Commitment

Reporting to the Department Head, the ideal candidate should be a creative and innovative individual with a demonstrated commitment to excellence in effective teaching. The candidate will plan, develop, and deliver laboratory courses in Physics, such as General Physics, Introductory Physics, Health Sciences Physics, and other science lab courses to support the institution's programs.

The role expectations of the Physics Lab Instructor are as follows:

1. Prepare and set up laboratory experiments, ensuring equipment and materials are readily available.
2. Managing laboratory experiments and activities, ensuring students' safety and adherence to proper laboratory procedures.
3. Instructing students on experimental techniques, theory, and safety protocols and offering guidance on data collection and analysis.
4. Evaluating students' laboratory reports, assignments, and performance and providing feedback on their work.
5. Holding office hours to assist students with questions, concerns, and clarifications related to laboratory work and assignments.

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6. Assisting in developing and maintaining laboratory curriculum, including updating experiments and materials as needed.
7. Ensuring the laboratory complies with safety regulations, maintaining a safe environment, and training students on laboratory safety.
8. Maintaining a clean and organized lab environment.
9. Overseeing equipment and instrumentation in the laboratory, ensuring proper maintenance, and coordinating repairs or replacements when necessary.
10. Handling administrative tasks such as record-keeping, inventory management, and scheduling laboratory sessions.
11. Collaborating with the team to prepare a comprehensive list of lab materials, and equipment required for practical labs.
12. Staying updated on the latest advancements in physics and teaching methodologies through ongoing professional development.
13. Contributing to UDST activities and initiatives, including assignments to committee work related to curriculum, assessment, student success, and community outreach.
14. Attending department meetings and training sessions as required.
15. Other tasks as may be assigned by the Department Head.

How to Apply

Applicants must meet all essential qualifications in order to be shortlisted for the position; other qualifications may be a deciding factor in selection. Qualifications and experience will be assessed through your application, which may include but not be limited to curricula vitae, cover letters, references, teaching dossiers. It is the applicant's responsibility to provide appropriate examples that illustrate how s/he meets each requirement. Failing to do so could result in the application being rejected. We thank all applicants for applying for this position; only those selected for further consideration will be contacted.

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Contact Information

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

Contact

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Phone Number 44952867