



Call for TU Dublin Access and Outreach STEM Tutors/Senior Demonstrators 2024/2025

TU Dublin [Access & Outreach] is recruiting a panel of **STEM Tutors/Senior Demonstrators** who may be called upon during the 2024/2025 academic year.

The role of the **STEM Tutor/Senior Demonstrator** is focused on supporting the delivery of STEM (Science, Technology, Engineering, and Mathematics) and non-STEM activities in Primary and Secondary Schools. Working alongside staff in Access and Outreach and classroom teachers, tutors/senior demonstrators will assist in the development and delivery of educational workshops aimed at engaging primary and secondary school students and enhancing their learning experiences.

This is a varied role that requires experience in education and/or in public engagement activities, and an understanding of how diverse socio-economic backgrounds and experiences can impact student learning. Applicants will need to demonstrate strong skills in science communication, teamwork, relationship development and organisational skills.

Principal Accountabilities

1. Support and assist Access & Outreach staff in the delivery of STEM workshops, tutorials and outreach activities both on-site (TU Dublin Campus) and off-site in Primary and Secondary Schools.
2. Contribute to the planning and development of instructional materials and activities that meet the needs of students and teachers, in line with curriculum guidelines (e.g., the Irish Primary School Curriculum).
3. Support and assist students during STEM-related activities, ensuring they understand the scientific principles behind their work and stay engaged throughout the process.
4. Motivate students and encourage active participation in the activities.
5. Support efforts to broaden the participation of students from diverse cultures, languages, and socio-economic backgrounds in STEM learning.
6. Contribute to creating an inclusive learning environment that promotes equity in science education.
7. Assist with project communications and digital outreach, including via blogs, social media, and other channels as needed.
8. Support research activities such as facilitating data collection for project-related tasks.

9. Maintain accurate records as required by TU Dublin policies and procedures and ensure completion of relevant documentation on time (e.g., attendance, payment schedules, etc.).
10. Participate in team meetings and contribute to project-related discussions.
11. Complete mandatory training and participate in ongoing professional development.

Person Specification:

The ideal candidate will:

- Hold or be in the process of obtaining a third-level qualification (STEM disciplines preferred) **(essential)**
- Have a strong interest in STEM and STEM communication **(essential)**
- Be able to work as part of a team **(essential)**
- Enjoy working with younger students **(essential)**
- Experience working with younger students or carrying out outreach activities with a younger audience **(essential)**
- Have flexibility and be available throughout the academic year, including the summer months **(essential)**
- Understand the challenges faced by students from socio-economically disadvantaged backgrounds or with disabilities **(desirable)**
- Be committed to promoting equity in education and supporting students from diverse socio-economic backgrounds **(desirable)**
- Possess strong organizational, time management, and communication skills **(desirable)**
- Be able to build effective working relationships with teachers and students **(desirable)**

Salary:

The appointee will be required to submit a part-time claim form by the designated closing date in respect of hours worked.

Payment will be monthly, and appointees will be paid at the tutor/senior demonstrator rate.

Terms & Conditions of Employment:

- Allocation hours will be dependent on workshop's/no. of students requiring support.
- The appointment of tutors/senior demonstrators is reviewed annually by the TU Dublin Access & Outreach staff and offers are made on an annual basis by the relevant Manager.
- A full statement of terms and conditions of employment will be given to the successful applicant in accordance with The Terms of Employment (Information) Acts 1994 and 2001.

Contact Details:

- If you are interested in applying, please forward a CV with cover letter including your course and year of study to ana.canizares@tudublin.ie by **5pm Monday December 16th** with the title “**TU Dublin STEM Tutor Application**” in the subject line.
- CVs should outline relevant experience and list the contact details of your referee/s. Documents should be scanned together as one single attachment.
- Successful Candidates will be notified in early January 2025 to advise them of the date of their interview.

In addition:**Successful candidates must:**

- Be available to attend a tutor induction session at the start of the role.
- Be open to continuous professional development and willing to upskill where necessary.
- Undergo Garda Vetting as part of the selection process.

For queries please contact:

<u>Ana Canizares</u>	TU Dublin - <u>Grangegorman</u> , D07H6K8, Ireland
Ana.canizares@tudublin.ie	OT <u>Baile Átha Cliath - Gráinseach Ghormáin</u> , D07H6K8, Éire
Project Officer Access & Outreach	