Fixed term College Lecturership in Engineering Science (Mathematics and Electrical)

Further Particulars

Trinity College invites applications for a Fixed-term Lecturer in Engineering Science for one year: 1st October 2024 – 30th September 2025. The person appointed will primarily liaise with Professor Steve Sheard, the senior Tutorial Fellow in Engineering. The person appointed will take on 3.5 (weighted) hours teaching per week for undergraduate students at Trinity College, assist with setting and marking termly collections, and provide feedback to students.

Teaching of Engineering at Trinity

Trinity College admits five or six students a year to read Engineering Science. The teaching required will cover Mathematics and Electrical topics taught in the first two years of the Engineering Science course, such as: calculus, linear and complex algebra, ordinary differential equations (paper P1), vector algebra (paper A1), components and circuits (paper P2), electrical energy systems (paper A4). The syllabus is available here for first-year papers, and here for second-year papers.

Duties of the Lecturer

- To be responsible for teaching selected topics on the Engineering Science MEng undergraduate degree across papers P1, A1, P2, A2 and A4 to Trinity students;
- To teach an average of three and a half weighted hours a week averaged over the three eight-week terms. (The number of actual contact hours is reduced where the teaching is in pairs or larger groups. For example, teaching a pair for one hour counts as 1.25 hours, and teaching a group of 3 counts as 1.5 hours, etc.)
- To undertake other duties for all students of Engineering Science, including setting and marking collections (internal College examinations), and recommending books on engineering for purchase by the College library.
Selection Criteria

- Educated to degree level in engineering, physics or mathematics; research in a relevant area; a doctorate or very substantial progress towards a doctorate.
- Experience of tutorial teaching in the relevant subject area would be an advantage;
- Ability and willingness to undertake the associated duties, as specified above.

Term of appointment

This is a fixed-term appointment for one year.

Stipend and allowances

Salary: The salary is (pro-rata) in the range of points 23-37 of the HE single pay spine, between £8,681 and £9,727 per annum (based on the full time equivalent of £29,762 and £33,348).

- **Dining Rights**: The lecturer will be entitled to 4 lunches and 2 dinners per week free of charge at the Common Table (SCR) during term and vacation, except when the kitchens are closed.
- **Membership of the Senior Common Room (SCR)**: Provided free of charge.
- **The Lecturer** will be entitled to an annual research allowance of up to £175 and to an entertainment allowance (to be used for the benefit of Trinity students).
- **Pension**: The person appointed will be eligible to join USS.
- **Place of work**: The lecturer will have the use of a shared teaching room in Trinity College for tutorials and classes.

Please note that this post does not carry a housing allowance, and no College accommodation would be available.

How to apply

Candidates should submit the following documents electronically to the Academic Administrator (academic.administrator@trinity.ox.ac.uk):

- A short letter outlining how they believe they meet the criteria set out for the post;
- An academic CV, including details of research and research publications;
- The names of two referees who should be asked by the candidate to email their references directly to the Academic Administrator. **It is the responsibility of the candidate to ensure that the references arrive by the closing date.**
- The closing date for applications is 12 noon (UK time) on Wednesday 26th June 2024.

Appointment Process

Interviews will be held on Monday 8th July 2024. Candidates invited for interview will be asked to present to the panel a topic of their own choice from the current second-year syllabus for paper A1. Additional details will be provided to shortlisted candidates.
The policy and practice of Trinity College require that entry into employment within the Colleges and progression within employment will be determined only by personal merit and the application of criteria that are related to the duties of each particular post and the relevant salary structure. In all cases, ability to perform the job will be the primary consideration.