

JOB DESCRIPTION

Job Title: Senior Lecturer in Civil Engineering

Grade: AC3

Department: School of Engineering

Responsible to: Head of School of Engineering

Responsible for: N/A

Key Contacts: N/A

Standard Occupational Classification (SoC code): 2311

Non-Contractual Nature of Role Profile: This role profile is non-contractual and provided for guidance. It will be updated and amended from time to time in accordance with the changing needs of the University and the requirements of the job.

PURPOSE OF ROLE

Bid for, and secure external funds to support high quality and internationally recognised research and enterprise activities. The role will also focus on delivering high quality education in a variety of formats.

The appointed person will be responsible for enhancing programme delivery at undergraduate and postgraduate levels, developing, and delivering new and existing modules, and leading the review and external accreditation of programmes. They may also be required to lead and manage a small team of academics. Additionally, they will be expected to contribute more widely to the design and delivery of teaching activities, incorporating their subject expertise to meet the needs of a diverse student body across a range of programmes offered by the school.

The role holder will be expected to contribute to academic and administrative activities associated with the broader activities of the portfolio, the school, and the faculty. We are looking for a candidate with a strong civil engineering background with potential expertise in the following areas:

- Highway and transportation engineering
- Tunnelling and underground structures
- Coastal engineering
- Offshore structures

A substantial contribution to the next REF/TEF/KEF submission will be expected from the role holder.

KEY ACCOUNTABILITIES

Team Specific:

- Lead on the design, development, and delivery of new modern programmes.
- Show excellence in curriculum design.
- Development and delivery of high quality, innovative and effective teaching, and new teaching initiatives, including inclusive approaches to setting and marking assessment.
- Work proactively on specific research topics aligned to own and the school's research interests.
- Assist with personal and academic tutoring of undergraduate and postgraduate students.
- Contribute to broader curriculum development within the school.
- Lead on the delivery of external accreditation activities.
- Contribute to the integration of enterprise work/research and scholarship activities into teaching or professional training materials.
- Participation in the delivery of new courses, including CPD and degree apprenticeships, integrating enterprise, innovation, or external engagement activities.
- Contribute to subject, professional and/or pedagogical research leading to the publication and / or dissemination of original work.
- Contribute to the research profile of the school and to future REF submissions of the appropriate Unit of Assessment.
- Initiate the development of funding bids for to the acquisition of internal and external resources to fund research, enterprise, or teaching projects.
- Contribution to the continuous improvement of the student experience or lead programmes / modules effectively including adopting a responsive approach to students.
- Effective cross working with Professional Services to support students.
- Contribute to relationship management and engagement with key external bodies at a regional and national level, the national or regional public / cultural sectors / businesses, industry / professional bodies in relation to teaching, research and enterprise.
- Maintain effective, high quality and productive working relationships with professional bodies and employers.
- Supervision of undergraduate and postgraduate students.
- Work with other academics and lead the development of new modules to enhance the curriculum.
- Develop and share good practices across the school and the faculty.
- Represent the school at faculty and university committees.
- Work with other academics and the administrative teams to deliver excellent student care, and support student success and employability.
- Engage with personal development.

- Contribute to the general academic administrative work of the School and Faculty.

Generic:

- Assist the engineering team in achieving the School's KPIs and University's Strategy. The continual improvement of student experience will be a key activity for all academic staff and will form an important part of this role.
- Contribute to School plans, activities, and efficient working practices.
- Participate in visits to schools and open days and related activities, engage with local community groups and the public.
- Demonstrate a commitment to equality, diversity, and inclusion through good teaching practices and engagement with university initiatives.
- Contribute to peer review and School based teaching development activities.
- Promote your work and represent your discipline and the work of the University internally and externally, and take a proactive approach to ethical, good practice.
- The post-holder will make a major contribution to other aspects of the portfolio's activities and will be expected to attend meetings and other events both within and outside the university.

Managing Self:

- Develop expertise in inquiry / research-informed teaching with an increasing degree of autonomy.
- Keep abreast of developments within the field and seek continuous improvement of own professional practice.
- Actively participate in established professional development activities.
- Behave in a manner which reflects the University values and creates a positive environment for work and study.
- Maintain a high standard of student engagement and satisfaction.
- Seek to maximise the learning outcomes of students.

Core Requirements:

- Adhere to and promote the University's policies on Equality, Diversity and Inclusion and Information Security.
- Ensure compliance with Health & Safety and Data Protection Legislation.
- Support and promote the university's Sustainability policies, including the Carbon Management Plan, and carry out duties in a resource efficient way, recognising the shared responsibility of minimising the university's negative environmental impacts wherever possible.

- Adhere to current legal requirements and best practice relating to digital content and accessibility, including Web Content Accessibility Guidelines when creating digital content.

Additional Requirements:

Undertake any other duties as requested by the line manager or appropriate senior manager, commensurate with the grade.

This is a professional, demanding role within a complex organisation with an ambitious strategic plan and agenda for change. The role holder will be expected to show flexibility in working arrangements, including working hours, to ensure that the School of Engineering delivers the required level of service.

KEY PERFORMANCE INDICATORS:

Performance Indicators will be established in consultation with the line manager as part of the post-holder's annual Appraisal and Professional Development Review.

KEY RELATIONSHIPS (Internal & External):

Working with the Head of School, Associate Heads of School and Academic Portfolio Lead, and colleagues in programme teams to deliver against the school's agenda. Working with colleagues from across the faculty to support broader faculty priorities. Externally, working with feeder schools / colleges, industry, and professional bodies.

PERSON SPECIFICATION

EXPERIENCE:

Essential Criteria

- Developing, delivering, and managing of engineering programmes.
- Leading external accreditation of engineering programmes.
- Developing research bids and securing external funds to support own research and enterprise activities.
- Designing and leading teaching and learning activities in HE sectors, ideally in the UK at undergraduate and postgraduate levels in the field of Civil Engineering.
- Familiarity with the UK HE system.
- Expertise and specialist knowledge in two or more of the following subject areas:
 - Highway and transportation engineering
 - Tunnelling and underground structures
 - Coastal engineering
 - Offshore structures
- Ability to integrate modern and emerging tools in the teaching and assessment of civil engineering subjects.
- Established record of research and enterprise activities.
- Experience of student supervision, including UG and PG projects.
- Experience with module development and management, adopting a responsive approach to students and colleagues.
- Contributing/leading subject, professional or pedagogical research or other scholarly activities in the field of civil engineering.
- Good track record of publishing in high quality journals.
- Students' personal tutoring and pastoral care.

Desirable Criteria

- Managing teams of professionals within industrial or academic settings.
- Creating professional / community partnerships.
- Ability to teach across disciplines.
- Good industrial links

SKILLS:

Essential Criteria

- Excellent communication skills.
- Ability to engage with and respond to student feedback effectively.

- Ability to respond to colleagues effectively.
- Can integrate within a team.
- Show creativity by contributing original ideas and approaches that advance subject-based knowledge.
- Outstanding organisational, IT, communication and interpersonal skills. · Pro-active approach/attitude.
- Good Planning and organisational skills.
- Well-developed time management skills.
- Support research activities in collaboration with other institutions and organisations.

Desirable Criteria

- Familiarity with Quality Assurance Agency standards.

QUALIFICATIONS:**Essential Criteria**

- First degree in civil engineering.
- PhD in civil engineering or related field.

Desirable Criteria

- Postgraduate Certificate in Teaching & Learning in Higher Education, or equivalent qualification. Staff without this qualification will be required to enrol in the first year of employment.
- Membership of a professional body, or eligibility for CEng status.

PERSONAL ATTRIBUTES:**Essential Criteria**

- We are looking for people who can help us deliver the [values](#) of the University of Greenwich: Inclusive, Collaborative and Impactful.

Desirable Criteria

- N/A