

Job Description

Job title	Associate Professor in Civil Engineering
School / department	School of Computing and Engineering
Grade	8
Line manager	Head of Civil Engineering
Responsible for (direct reports)	N/A
Date of creation or review	10/09/2025

Main purpose of the job

The School wishes to broaden its knowledge base and strengthen its teaching and research capacity in Civil Engineering, with a particular focus on structural engineering. The University has established expertise in the built environment, construction, and sustainability, and seeks to expand its leadership in structural analysis, design, materials, and resilience.

The Postholder will support the School in driving growth and delivery of the subject area, and to contribute to our research and knowledge exchange activities. The role will include leadership in the development of structural engineering content within our undergraduate and postgraduate civil engineering courses, as well as building partnerships with industry and professional bodies.

The Postholder will form part of the Civil Engineering subject team and will contribute to the School's research outputs and strategy. They will mentor staff in growing teaching portfolios and research outputs and play a role in attracting and supervising PhD students.

They will contribute to the School's collaborative networks such as WInSTEM and the Early Career Researcher Network.

Key areas of responsibility

Strategic and operational

- Lead the development and implementation of strategy in civil engineering aligned to the University's vision and targets.
- Play a leading role in securing external funding and in developing partnerships with industry, professional bodies, and the public sector.
- Attract postgraduate research students, post-doctoral researchers, and research staff.
- Supervise research students and post-doctoral researchers, ensuring timely project completion.
- Mentor academic staff and students to build capacity in publishing research and securing research income.
- Engage in national and international networks, professional forums, and policy discussions related to structural and civil engineering.
- Ensure research and knowledge exchange activity aligns with university and external ethics and governance standards.

- Contribute to the 2029 REF exercise.

Teaching and Administration

- Provide advice to the Dean of School to ensure undergraduate and postgraduate curricula reflect current civil engineering practice and research.
- Deliver high-quality teaching across undergraduate, postgraduate, and doctoral programmes, including supervision of projects and theses.
- Contribute to curriculum development in civil and structural engineering, ensuring relevance to professional practice and accreditation standards.
- Participate in School and University committees, quality mechanisms, and student experience initiatives.

Additional duties

- Maintain professional registration (e.g. CEng with JBM or IStructE) and the highest levels of professional conduct.
- Participate in professional and advisory activities with external bodies.
- Undertake professional development and leadership training where appropriate.
- Work in accordance with UWL's Equality, Diversity, and Inclusion policies.

In addition to the above, the post-holder may be required to undertake other reasonable duties relevant to the post.

Dimensions / background information

The School of Computing and Engineering at the University of West London is a dynamic and forward-looking School with high quality teaching, student experience and research informed teaching at the top of its priority list.

The School has strong links with local, national and international partners and employability of graduates is the key to courses that we offer. The school enjoys state-of-the-art equipment and continues to invest heavily in its improvement. Our courses are fully accredited by relevant professional bodies across the board.

The School maintains strong links with the industry as well as the relevant professional bodies within our portfolio.

Person Specification

	Criteria	Essential or Desirable ¹	Demonstrated ²		
			Application	Interview	Test / Exercise
Qualifications and/or membership of prof. bodies	PhD in Civil/Structural Engineering	Essential	X	X	
	Fellowship of the HEA (or willingness to obtain within first 12 months)	Essential	X		
	Chartered Engineer status	Desirable	X		
Knowledge and experience	Teaching experience in Civil/Structural Engineering and curriculum development.	Essential	X		
	Strong record of publications and success in securing research funding.	Essential	X		
	Leadership in collaborative research with demonstrable impact.	Essential	X	X	
	International or industry experience enhancing teaching and research.	Desirable	X	X	
Specific skills to the job	Ability to provide academic leadership in Civil Engineering.	Essential	X	X	
	Excellent communication and interpersonal skills, with the ability to build networks nationally and internationally.	Essential	X	X	
	Ability to balance workloads and deliver outputs to fixed deadlines.	Essential	X	X	
	Commitment to equality, diversity, and inclusion in higher education.	Essential	X	X	
General skills	Strong leadership and ability to motivate and support colleagues.	Essential	X	X	
	Excellent communication, interpersonal, and networking skills.	Essential	X	X	
	Effective organisation and time management to meet deadlines.	Essential	X	X	

Disclosure and Barring Scheme Is a DBS Check required: ☒ DBS (This post does not require a DBS check) ☐

Before making a selection, please refer to the University's [Disclosure and Barring Checks Guidance for Staff](#) and [Criminal Convictions, Disclosures and Barring Staff Policy and Procedure](#). If a DBS check is required for the role, a **Check Approval Form** will need to be completed.

¹**Essential Criteria** are those, without which, a candidate would not be able to do the job. Applicants who have not clearly demonstrated in their application that they possess the essential requirements will normally be rejected at the shortlisting stage.

Desirable Criteria are those that would be useful for the post holder to possess and will be considered when more than one applicant meets the essential requirements, to determine which applicants to shortlist.

²**Demonstration:** Select the Recruitment Process stage at which the candidates will have to demonstrate that they meet the criteria. Criteria which have to be demonstrated at application stage should be mentioned in the Recruitment Information Pack as Pre-Selection/Killer Questions, Shortlisting Questions or Shortlisting Criteria. Other criteria should be evaluated and tested at interview stage (e.g. through interview questions) or through additional tests, exercises or presentations. Criteria can (and should) be demonstrated at multiple stages.