Recruitment of Industrial Mentors

For: MEng Civil Engineering Year 4 Integrated Design Project
(Commitment: approx. 1-2hrs/week)

The undergraduate education of civil engineers at UCL presents a unique learning opportunity. The programme is founded on a central theme of problem-based group-working strands which bring together theoretical teaching and apply it to ‘real world’ problems.

Our undergraduate programme includes experiential based taught modules in ‘design’ of civil engineering scenarios in Year’s 1 and 2 and culminates in the unique Integrated Design Project ‘capstone’ module in Year 4. The Integrated Design Project is a simulation of an integrated design office delivering a large ‘real world’ high value project.

The Integrated Design Project (IDP) is an extended module undertaken across the academic year. It is 50% of the Meng Civil Engineering final year and contributes 18% of each student’s final award. It is very highly regarded within UCL and industry. To support our students undertaking the IDP we link each student with an industrial practitioner to mentor them through the key part of the module – Term 2. This 10 week period is a critical part of the project. The Mentor supports the student in applying theoretical learning to practical design work.

Mentors are critical to the success of the IDP, they typically meet their Mentees once per week for 1-2 hrs, commonly at the close of business hours and at their offices – where this is practical. Mentors typically develop particular interest in their Mentees success and provide email and phone support in addition to meetings. Mentors also undertake to be 1st Marker of their Mentee’s individual submission (a Design Report of 25 pages of A3 and up to 4 A1 drawings/posters). There may be opportunities for Mentors - if they choose, to very occasionally present a workshop or lecture session on their subject of expertise, to either groups of students working on a specific topic or the whole cohort. This is not a requirement of the role.

We are looking to recruit from industry a broader industrial base of Mentors to support our IDP students with the objective of having a network of some 65-80 mentors we can call on to support student’s work.

Experience Required:

- Design expertise in a field of civil engineering
- An empathy with the aims of the Integrated Design Project
- A desire to add positively to CEGE student experience and support their Mentee to be industry ready when they graduate

Fees for this role is in the order of £300 (paid as wages or invoices subject to VAT) is payable for each Mentee. Additional payment would be made for presentations and workshops. Applications for these roles are open throughout the year. For further details and to make an application please email: Sarah Fray, Integrated Design Project Module Coordinator - s.fray@ucl.ac.uk.