

Foster + Partners

Role Definition

Job title:	Structural Engineer Apprentice
Reporting to:	Project Leader / Job Captain / Nominated Engineer of the current project on a day to day basis and ultimately to the Senior Partner

Overview

This apprenticeship scheme is offered in collaboration with an academic training partner for the attainment of the *Civil Engineer (Degree) Level 6 Apprenticeship*, which teaches an apprentice the skills needed to work in the field of design, or maintenance, of building structures and civil infrastructure through a combination of on-the-job training and off-the-job training.

A successful candidate will attain their on-the job training within the Structural Engineering team at Foster + Partners.

The Structural Engineering group at Foster + Partners works in integrated teams with the architects and the other specialists in the practice, on the design and delivery of projects all over the world. The Structural Engineering team's project focus is the design of Building structures, and occasionally Bridges.

The typical duration for this apprenticeship is 60-66 months but this will depend on the previous experience of the apprentice and access to opportunities to gain the full range of competence. The successful apprentices will earn a BSc or BEng degree with accreditation by the relevant professional engineering institution.

An apprentice will spend 20% of the contracted time in the academic institution for their off-the-job training and 80% of the time will be utilised to learn through practice at Foster + Partners. The offer of an apprenticeship will be conditional upon the applicant securing a place on the Level 6 course at our educational provider.

Please note that we are unable to offer visa sponsorship for this role. Therefore, it is essential the applicant is eligible to work in the United Kingdom. Other eligibility requirements may also apply to meet apprenticeship regulations.

Responsibilities

- Fulfilling requirements of assigned on-the-job and off-the-job training
- Assisting with design work, seeking to understand the design project
- To prepare, develop and edit, under the guidance of the project leader or nominated engineer, calculations, drawings, models, and other documents relating to the design
- To develop, where required, representations of design options for further discussion by the design team
- To record evidence of your professional experience in accordance with the requirements of the apprenticeship and the appropriate professional organisation.
- Acquire thorough knowledge of and compliance with F+P procedures and standards
- To contribute, or otherwise assist, as required by the Project Leader or Group Leader, or nominated Engineer.

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Qualities & skills required

- Have at least three A levels, including a minimum B grade in Mathematics. These will need to be aligned with the Entry Requirements set by the Training Provider. We also welcome applications from individuals who have completed a university degree in a different field to engineering.
- Fluent in written and spoken English
- Legally able to work in the United Kingdom
- Able to demonstrate ability to undertake the above responsibilities
- A flexible and open attitude towards new ways of working and commitment to independent, lifelong learning
- Take responsibility for personal development, committing to learning and self-improvement
- Strong time management skills to balance working and learning commitments
- Good interpersonal skills and the ability to work well in a team
- Able to operate in a dynamic and changing environment
- Show personal commitment to professional and ethical standards
- Recognize their obligation to society, the employer, the profession, and the environment
- Be open to feedback

This description reflects the core activities of the role but is not intended to be all-inclusive and other duties within the group/department may be required in addition to changes in the emphasis of duties as required from time to time. There is a requirement for the post holder to recognise this and adopt a flexible approach to work. Job descriptions will be reviewed regularly and where necessary revised in accordance with organisational needs. Any major changes will be discussed with the post holder.

February 2023