



UNIVERSITY OF LEEDS

## CANDIDATE BRIEF

Structural Engineering Apprentice, Faculty of Engineering & Physical Sciences



**Salary: Apprentice Grade (£16,460 p.a.)**

**Reference: EPSFO1000**

# Apprentice Structural Engineering Technician

## Faculty of Engineering & Physical Sciences

**Do you have a practical aptitude for and an interest in civil (structural) engineering? Do you want to begin your career as a technician in one of the leading Schools of Civil Engineering in the country?**

We are looking for an apprentice, eager to start a career as a structural engineering apprentice technician. The [School of Civil Engineering](#) is globally renowned for its teaching, research and engagement with industry and government. It is one of the largest and longest established Civil Engineering schools in the UK with over 650 students from more than 70 countries. Our world-leading research and state of the art equipment makes the School the ideal place to start your career as an Apprentice Technician.

An ideal candidate for this position is expected to be keen on learning new skills and developing a career in brick masonry and other structural engineering disciplines. While working and training at the University you will be provided opportunities to gain an NVQ Level 2 qualification in brick masonry and will receive hands on training on multifarious projects undertaken in the research laboratories at the School. You will be mentored by one of our senior technicians. On completion of your training you will have an ideal skill set to go on to a successful career as a technician, having become multi-skilled in civil engineering.

### What does the role entail?

As a Structural Engineering Apprentice your main duties will include:

- Working on research and teaching projects involving bricklaying and preparation of formwork;
- Working with concrete technology including preparation of moulds, steel reinforcement cages and concrete mixes;
- Supporting the routine operation, maintenance, teaching and research activities of the George Earle Laboratory, Casting shop and Creep laboratory under the direction of the Lead Technician;
- Assisting academic staff and senior technicians in the implementation of research and teaching projects in the laboratories;
- Assembly, commissioning and testing teaching and research equipment in a Structural Engineering laboratory;



- Moving, handling and storing tools and materials safely using appropriate manual handling aids and techniques;
- Portable Appliance Testing equipment and appropriate record keeping;
- Being proactively involved in regular team meetings with Technicians;
- To carry out other duties appropriate to the activities of the School or Faculty or as deemed necessary by the Head of School;
- Operating in accordance with health and safety procedures, hazard, risk, COSHH assessments and local policies and procedures as defined by the Faculty Health and Safety Manager.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

## What will you bring to the role?

As a Structural Engineering apprentice technician you will have:

- Minimum 5 GCSEs at grade A\*-C (or equivalent) including Maths, English, Science and Design Technology;
- A keen interest in structural engineering subjects with a willingness to learn new skills and pursuing a career in this area;
- Practical building skills;
- The ability to produce technical drawings;
- Good interpersonal and verbal and written communication skills;
- A methodical approach to organising projects, with the ability to complete tasks within set time frames;
- Ability to work both proactively and independently but also as part of a wider support team;
- Excellent IT skills particularly for design work, calculating and testing designs;
- The ability to perform manual handling duties, for example as required to move laboratory equipment or gas cylinders.

Acceptance to this position is subject to both a College and University assessment process. Due to the requirements for the apprenticeship course, **we cannot appoint anyone to this position who has a qualification in the field of civil engineering at level 2 or above**, or an equivalent qualification.



## How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised [closing date](#).

## Contact information

To explore the post further or for any queries you may have, please contact:

**[Peter Thompson](#), Technical Officer**

Tel: +44 (0) 113 343 2471

Email: [P.R.Thompson@leeds.ac.uk](mailto:P.R.Thompson@leeds.ac.uk)

## Additional information

### Working at Leeds

You can find out more about our generous benefits package and more about what it is like to work at the University and live in the Leeds area in our [Working at Leeds](#) information.

### Faculty and School Information

Further information is available on the research and teaching activity of the [School of Civil Engineering](#).

### A diverse workforce

The Schools in the Faculty of Engineering & Physical Sciences are proud to have been awarded the Athena SWAN [Bronze](#) or [Silver](#) Award from the Equality Challenge Unit, the national body that promotes equality in the higher education sector. Our [equality and inclusion webpage](#) provides more information.

### Candidates with disabilities

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found in our [Accessibility](#) information or by getting in touch with us at [disclosure@leeds.ac.uk](mailto:disclosure@leeds.ac.uk).



## Criminal record information

A criminal record check is not required for this position, however, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be accordance with our [Criminal Records policy](#). You can find out more about required checks and declarations in our [Criminal Records information](#).

