



Candidate Information

Position:	Apprentice Technician in Material Characterisation
School/Department:	School of Natural and Built Environment
Reference:	24/112028
Closing Date:	Monday 15 July 2024
Salary:	£26,093 per annum
Anticipated Interview Date:	Thursday 1 August 2024
Duration:	Permanent - Full Time

JOB PURPOSE:

To support technical colleagues in the deliverance of a diverse range of undergraduate practical experiments and projects in the Material Characterisation Laboratory within the School of Natural and Built Environment. To develop relevant competencies and expertise over the three-year duration of the apprenticeship programme through in-house training, completion of professional/academic qualifications and tailored support and mentoring.

MAJOR DUTIES:

1. Attend Belfast Metropolitan College part-time, to successfully complete a Level 3 Diploma in Applied Sciences, with Level 3 NVQ Diploma in Laboratory and Associated Technical Activities.
2. Train in the preparation of material samples for Undergraduate practical experiments.
3. Train in the use of relevant laboratory equipment and learn how to carry out the specific calibrations of the equipment.
4. Assist with setting up of practical experiments including preparation of materials.
5. Develop a diverse Technical tailored skillset benefiting from an in-house training and mentoring program.
6. Ensure excellent housekeeping in the laboratory to guarantee a safe and hazard free environment is maintained at all times.
7. Learn to monitor and control levels of own work-related stocks, plus routine monitoring of general supplies and ensuring proper maintenance and storage of perishable stocks, including some chemicals.
8. Support student learning through the set up and demonstration of laboratory equipment and techniques.
9. Learn to maintain accurate records of stocks and experimental results using basic software packages.
10. When required, routine disposal of laboratory waste(s) in accordance with established Health & Safety procedures. Help to maintain levels of stocks/stores (including but not limited to inventories of assets) and help to ensure that equipment/consumables and work area are ready to use when required.
11. Comply with Health and Safety procedures affecting self and others.
12. Post-holder will also be expected to offer other appropriate, necessary assistance, in order to promote the smooth running of laboratory operations as directed by more senior members of technical staff and contribute to general security of premises, integrity of laboratory operations and comply with all Health & Safety requirements.

ESSENTIAL CRITERIA:

1. Hold or be about to obtain a minimum of 5 GCSE's A*-C (9-4) or equivalent (e.g. NVQ level 2) to include Maths, English and a relevant subject(s). (e.g. Physics, Design & Technology).
2. Proven basic knowledge of regulations and procedures, including H&S requirements.
3. Demonstrable knowledge and interest in the subject of Engineering.

DESIRABLE CRITERIA:

1. Hold a minimum of GCSE Grade A*-C (9-4) or Level 1 Essential Skills in Information & Communication Technology (ICT).
2. Ability to demonstrate communication skills appropriate to a professional working environment.
3. Evidence of developing/improving/enhancing skills through practical application.
4. Ability to demonstrate a methodical and logical approach to tasks.
5. Ability to work on own initiative and to prioritise tasks.

6. Able to demonstrate working successfully as part of a team.

ADDITIONAL INFORMATION:

Informal enquiries may be directed to Geoff Davis at geoff.davis@qub.ac.uk