CANDIDATE INFORMATION

Position:	Apprentice Technician
School/Department:	School of Natural & Built Environment
Reference:	23/111007
Closing Date:	Sunday 11 June 2023
Salary:	Starting salary £22,214 per annum. Within the duration of the apprenticeship there will be opportunity to progress to the top salary point of the grade. On successful completion of the apprenticeship, the apprentice will progress to a permanent role of Technician, minimum Grade 3 (first salary point currently £23,144) with the opportunity of further annual increments.
Contract Duration:	Initially 3 years. Upon successful completion of the 3 year apprenticeship the successful candidate will move to permanent Technician position.
Anticipated Interview Date:	Monday 19 June 2023

JOB PURPOSE:

To train in the subject of Specific Electronic support for Environmental Soils and general lab activities.

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. Successful completion of the apprenticeship will lead to appointment to a permanent Technician post within the University.

MAJOR DUTIES:

1. Learn the fundamentals of electronics required for Instrumentation, Measurements and Calibration.
2. Understanding and using instruments to calibrate different sensor devices that are used to measure pressure and displacement.
3. The fundamentals of the above sensor's operation and their associated logging devices to record data, where and why they are used.
4. How to organise a laboratory to support the needs of teaching and research activities.
5. Preparing technical procedures and the importance of continuity when conducting any test procedure.
6. Providing technical assistance and demonstrating techniques to students and staff for research and teaching purposes.
7. Learn to maintain accurate records e.g. test results and calibration figures.
8. Understand the importance of laboratory Health and Safety procedures which affect self and others.

Planning and Organising:

1. Learn how to carry out a range of tasks, working mainly within established procedures with access to guidance when required.
2. Learn to prioritise duties within own work schedule, but refer to Supervisor for prioritising and scheduling of non-standard work.

Resource Management Responsibilities:

1. Eventually have some responsibility for the security and routine maintenance of equipment in the laboratory.
2. Provide some support to student learning through own development and demonstration of standard equipment and techniques.

Internal and External Relationships:

1. Daily contact with Supervisor, work colleagues, University staff and students.
2. Liaise with course administrator for classroom work.

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).
2. Proven basic knowledge of regulations and procedures, including H&S requirements.
3. Demonstrable knowledge and interest in the subject of Electronics or Environmental Engineering.

DESIRABLE CRITERIA:

1. Ability to demonstrate communication skills appropriate to a professional working environment.
2. Evidence of developing/improving/enhancing skills through practical application.
3. Competent in the use of Information & Technology and relevant software packages such as MS Word, Excel.
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.