



## Candidate Information

**Position:** Electrical Technician  
**School/Department:** School of Electronics, Electrical Engineering and Computer Science  
**Reference:** 22/110407  
**Closing Date:** Monday 9 January 2023  
**Salary:** £25,642 - £29,619 per annum  
**Anticipated Interview Date:** Week Commencing 23rd January 2023  
**Duration:** Permanent

### JOB PURPOSE:

To provide an efficient technical service to staff, students and external collaborators of the University.

### MAJOR DUTIES:

1. Trouble shooting, fault finding to component level and repairing electrical/electronic equipment within the School.
2. Repairing electrical/electronic circuitry and components, both in-situ and in the workshop.
3. Development and construction of specialised equipment.
4. Installation and commissioning of electrical/electronic equipment.
5. To support staff, undergraduate and postgraduate students on electrical queries and associated project activity.
6. Stock control of electrical components and ordering of spares when required.
7. Anticipate Health and Safety issues.
8. Point of contact for technical queries, providing detailed information and options, highlighting any potential implications and raising issues of concern based on knowledge. May need to discuss more complex queries with senior colleagues.
9. Responsible for maintaining the general cleanliness and safety of the workshops and Labs.
10. To comply with current statutory health and safety requirements together with the University's health and safety policies.
11. To assist with technical duties in other areas of the laboratories, under the direction of the Chief/Senior Supervisor in response to changing needs due to variations in workload, staff shortages or reorganisation.

### ESSENTIAL CRITERIA:

1. Academic or vocational qualifications (e.g. NVQ 3, 2 A Levels, ONC/OND, City and Guilds level 3 or equivalents in a relevant subject) plus typically 3 year's work experience in a relevant role;

OR

Lower qualifications with more relevant experience.

- 17th Edition or higher qualification
2. 3 years relevant work experience to include:
    - Understanding of electrical/electronics, diagnosis, testing methodologies and equipment, circuitry and wiring diagrams.
    - Experience of printed circuit boards and electrical installation.
    - Experience and practice in repairing mains operated equipment to include 3 Phase over last 3 years.
    - IT literacy and analytical and problem solving skills required
  3. Comprehensive technical knowledge and experience in own scientific or technical specialism.
  4. Ability to understand and interpret the technical requirements of staff, students and their collaborators.
  5. Demonstrable understanding of relevant regulations and procedures including Health and Safety requirements.
  6. Evidence of skills working with Health and Safety issues.
  7. Good communication and interpersonal skill, including the ability to communicate complex technical information clearly
  8. Proven ability to work on own initiative, or as part of a team, with solid decision making to resolve time conflicts and to meet targets and deadlines.

9. Demonstrate willingness to undertake any training as required to keep up to date with technical advances and to meet the needs of the School.

**DESIRABLE CRITERIA:**

1. IOSH or NEBOSH Managing Safety.
2. Evidence of work experience in a fault finding environment.
3. Experience of providing training and practical guidance to others.