

Candidate Information

Position: Electrical, Electronic and Mechanical Technician
School/Department: School of Chemistry and Chemical Engineering
Reference: 25/112720
Closing Date: Monday 4 August 2025
Salary: £28,456 - £30,948 per annum
Anticipated Interview Date: Tuesday 26 August 2025
Duration: Permanent

JOB PURPOSE:

To provide specialist technical electrical and mechanical services to staff and students in support of research and teaching projects.

MAJOR DUTIES:

1. Using electrical and/or instrumentation skills, design, modify, manufacture and install control circuits according to specifications for teaching and research related purposes ensuring professional quality and best practice.
2. Provide relevant technical support, advice, guidance and training/demonstration on the use of specialised equipment or techniques to academic staff, students and others.
3. Maintain, modify, and repair technical equipment/apparatus, including workshop equipment, to ensure it is safe to use and complies with the relevant statutory safety regulations.
4. Ensure workshop equipment is ready for use and workshop is tidy.
5. Monitor and maintain stock levels, to ensure there is always an adequate stock of materials and equipment to meet demand.
6. Carrying out drilling, cutting and bending of a wide range of materials using workshop tools and equipment e.g. pillar drills and band saws.
7. Fitting wall mounted materials such as shelving, white boards, notice boards and monitors.
8. Maintain the school in-house liquid nitrogen supply.
9. Comply with Health and Safety procedures affecting self and others.
10. Carry out any other duties which are appropriate to the post as may be reasonably requested by supervisor/line manager.

ESSENTIAL CRITERIA:

1. *Academic and/or vocational qualifications i.e. OND/ONC and/or NVQ level 3 in relevant subject (or equivalent standard) in an electrical engineering discipline and/or a recognised, apprenticeship completed in an electrical engineering environment.
2. *A minimum of two years relevant work experience to include experience with control systems or instrumentation equipment.
3. *Good mechanical assembly skills and experience of using some workshop machinery e.g. pillar drills, band saws etc.
4. *Demonstrable understanding of machinery safety circuits and standards.
5. Well developed understanding of relevant regulations and procedures including Health and Safety requirements.
6. Ability to follow technical diagrams and instructions.
7. Competent in the use of Information Technology and relevant software packages including MS Office.
8. Good communication and interpersonal skills.
9. Willingness to work as part of a team as well as on own initiative.
10. Ability to prioritise own work to meet deadlines.
11. Willingness to gain experience and learn new skills and techniques.

DESIRABLE CRITERIA:

1. Demonstrable understanding and experience of Portable Appliance Testing.
2. Evidence of developing/improving/enhancing skills through practical application.
3. Experience in providing instruction to others.
4. Ability to write basic standard operating procedures and instructions for other staff and students.

5. Experience of working in a relevant laboratory setting.

ADDITIONAL INFORMATION:

Informal enquiries may be directed to: Panagiotis Manesiotis at p.manesiotis@qub.ac.uk