

Candidate Information

Position: Technician
School/Department: School of Chemistry and Chemical Engineering
Reference: 24/112032
Closing Date: Monday 22 July 2024
Salary: £28,456 - £30,948 per annum
Anticipated Interview Date: Thursday 8 August 2024

JOB PURPOSE:

To provide technical support for teaching laboratories and the mechanical workshop and to develop skills in the School glassblowing service.

MAJOR DUTIES:

1. Provide technical support for designated practical classes to include:
 - Preparation of material for practical classes.
 - Ensure general laboratory cleanliness and safety in line with relevant policies and procedures.
 - Provide technical support for core laboratory instruments in the School.
 - Maintain, clean and repair equipment and glassware, and remove waste material.
2. Provide technical support for the day-to-day running of the Glassblowing Workshop to include:
 - Monitor stock levels and ensure equipment/work areas are ready to use when required.
 - Maintain gas supplies.
 - Operate and carry out routine maintenance on standard workshop equipment as directed.
 - Complete inhouse training in basic glassblowing techniques, to include but not limited to: repair of scientific glassware, cutting, joining, creating bends, seals and joints, and in the use of hand torches and lathes.
 - Ensure appropriate procedures are adhered to including Health & Safety.
3. Mechanical workshop support to include:
 - Liquid nitrogen dispensing.
 - Service and repair of laboratory pumps.
 - Maintenance of instrumentation and apparatus.
 - Fitting shelving, white boards, notice boards etc.
 - Carrying out drilling, cutting and bending on a wide range of materials.
4. Support the preparation and delivery of tests/experiments/technical procedures, following clear guidelines and procedures.
5. Maintain and update accurate records, including chemical lists and standard operating procedures for use in the laboratories. Maintain accurate records of work completed, including design specifications, consumables required, and time spent.
6. Assist in the completion of routine safety paperwork as directed by line manager.
7. Post-holder will also be expected to offer other appropriate assistance to promote the smooth running of laboratory/workshop operations as directed by more senior members of technical staff and contribute to general security of premises, integrity of laboratory operations complicit with all Health & Safety requirements.
8. Any other duties which may be required of the postholder.

ESSENTIAL CRITERIA:

1. *Academic and/or vocational qualifications i.e. 5 GCSEs at Grade C or above (or equivalent) to include a science subject or NVQ Level 3 (or equivalent) in a relevant subject.
2. *Minimum of 2 years recent relevant experience to include: use of hand tools, use of portable power tools and working in a workshop or laboratory environment.
3. *Good understanding of relevant regulations and procedures, including Health & Safety requirements.

4. Demonstrable knowledge of and interest in the subject of Chemistry and Chemical Engineering.
5. Ability to plan own work schedule responding to new pressures and adjusting priorities.
6. Able to demonstrate working successfully as part of a team.
7. Ability to provide standard guidance and advice to junior colleagues and students.
8. Competent in the use of Information Technology and relevant software packages including MS Office.
9. Good communication and interpersonal skills.

DESIRABLE CRITERIA:

1. Good communication and interpersonal skills.
2. Experience of working in a relevant laboratory setting.
3. Experience in providing instruction to others in a learning environment.

ADDITIONAL INFORMATION:

Informal Enquiries to Conor McGrann (c.mcgrann@qub.ac.uk)