



JOB PURPOSE

To use programmable and manual machinery and equipment to provide support for research and teaching projects.

MAJOR DUTIES

Job Purpose

- Operate manual workshop machinery including lathes, milling, drilling and grinding machines.
- Operation of CNC machinery.
- Fabrication using MIG and TIG welding techniques.
- Contribute to the development, construction and modification of components/apparatus using full range of techniques for teaching/research/project work purposes.
- Fitting/assembly work using hand/power tools as required.
- Ensure general workshop/laboratory services tidiness.
- Comply with Health and Safety procedures affecting self and others.
- Take delegated responsibility for the maintenance and repair of workshop equipment
- Have responsibility for the security and maintenance of equipment in the laboratory /workshop/department if required.
- Support student learning through the development and demonstration of standard equipment and techniques.
- May provide standard guidance and advice to colleagues/students through on the job training.
- Carry out any other duties which are appropriate to the post as may be reasonably requested by Supervisor.

The above list of duties is neither comprehensive nor exhaustive but outlines the general requirements of the post. Other duties may arise of a more general nature which is consistent with the job title and hourly rate attached to this post.

Location of the post will be subject to the requirements of the University.

ESSENTIAL CRITERIA

The successful worker will have:

1. Academic and/or vocational qualifications ie OND/ONC and/or NVQ level3 in relevant subject (or equivalent) **OR** 2 years relevant work experience
2. Specialist skills and knowledge relevant to the job.
3. Comprehensive knowledge of relevant systems, equipment and processes.
4. Ability to work to close tolerances in various metals
5. Good awareness of safe manual handling.
6. Good understanding of relevant regulations and procedures including Health and Safety requirements.