



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Mechanical & Manufacturing Technician, Faculty of Biological Sciences



Salary: Grade 5 (£25,742 – £29,605 p.a.)

Reference: FBSBM1210

Available on a full-time basis.

We are open to discussing flexible working arrangements

Mechanical & Manufacturing Technician

Faculty of Biological Sciences

Are you looking for a new and exciting challenge working within the Faculty in one of the UK's top Universities? Do you want to provide manufacturing and technical support to world leading research throughout the Faculty?

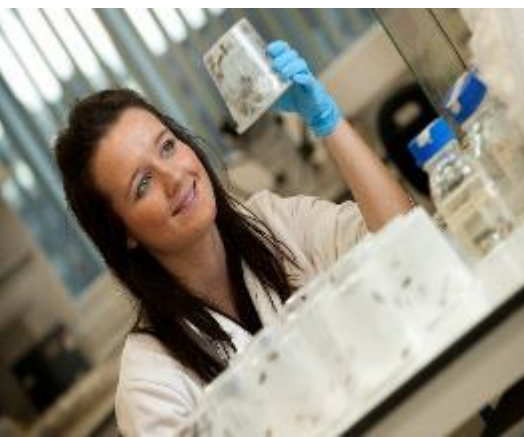
We are looking for a professional and proactive individual to join our technical team to support manufacturing and general activities within the Faculty of Biological Sciences.

You will be providing manufacturing support for biomedical research laboratories. You will be responsible for machining designs to close tolerances from various sources using your effective technical skills on a range of manual manufacturing equipment.

For this role, you should have served a recognised mechanical engineering apprenticeship or equivalent and have subsequent relevant experience of working in an engineering environment. Comprehensive skills in manual machining are essential. You should have a good understanding and experience in mechanical engineering principles, 3D software, design and manufacturing. You should also have a broad knowledge and experience in basic repair and maintenance of fabrication machines such as 3D printers and small tool equipment.

What we offer in return

- 26 days holiday plus approx.16 Bank Holidays/days that the University is closed by custom (including Christmas) – That's 42 days a year!
- Generous pension scheme plus life assurance– the University contributes 14.5% of salary.
- Health and Wellbeing: Discounted staff membership options at The Edge, our state-of-the-art Campus gym, with a pool, sauna, climbing wall, cycle circuit, and sports halls.
- Personal Development: Access to courses run by our Organisational Development & Professional Learning team.
- Access to on-site childcare, shopping discounts and travel schemes are also available.



What does the role entail?

As a Laboratory Manufacturing Technician your main duties will include:

- Machining of components using conventional machine tools; including but not limited to turning, milling, drilling and polishing machines;
- 3D modelling on solidworks or equivalent software to transform 2D hand sketches into solid models for use on our fabrication machines;
- Liaising with academics and researchers on manufacturing best practices and design improvements to aid manufacturing efficiency;
- Maintaining good records of work carried out, including providing clear understandable designs to other members of the research group;
- Interpreting sketches and drawings in order to manufacture or build equipment;
- Maintaining health and safety records, risk and COSHH assessments for new and existing protocols;
- Share best practice and service improvement ideas, for example by playing a role in the technicians' network;
- Ensuring equipment is maintained, operational and serviced as required and maintaining appropriate records of preventative maintenance schedule;
- Liaison with material and tooling suppliers to provide costing estimates for manufacture;
- Keeping abreast of technology advancements in manufacturing, tooling and materials in 3D design work and modelling
- Providing flexible technical support and training for research staff based on their needs

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

What will you bring to the role?

As a Laboratory Manufacturing Technician you will have:

- Served a recognised mechanical engineering apprenticeship or equivalent and have subsequent relevant experience of working in an engineering environment;
- Comprehensive manual machining skills in milling and turning arenas;



- Demonstrable experience of using computer aided engineering drawing packages (e.g. SolidWorks) with the ability to create 3D models from 2D sketches;
- Comprehensive general maintenance, repair and fitting skills;
- Solid understanding of mechanical engineering principles, with the ability to read and build from mechanically based drawings;
- Ability to develop ideas from basic discussion within a team environment;
- Developed organisational skills with the proven ability to prioritise work and deliver against deadlines;
- Ability to work both proactively and independently but also as part of a wider support team;
- Good verbal and written communications skills, with the ability to clearly articulate and present information, ideas and analysis, modifying your approach to suit different audiences;
- A good level of IT skills

You may also have:

- Manual handling training;
- Basic electronic skills;
- A health and safety qualification.

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date.

Contact information

To explore the post further or for any queries you may have, please contact:

[Luke Blumler](#), Lead Technician, School of Biomedical Sciences

Email: l.blumler@leeds.ac.uk



Please note: If you are not a British or Irish citizen, you will require permission to work in the UK. This will normally be in the form of a visa but, if you are an EEA/Swiss citizen, this may be your status under the EU Settlement Scheme.

Additional information

The University of Leeds and the Faculty of Biological Sciences are committed to providing equal opportunities for all and offer a range of family friendly policies. The University is a charter member of Athena SWAN (the national body that promotes gender equality in higher education), and the Faculty of Biological Sciences was awarded a Silver award in 2020. We are proud to be an inclusive Faculty that values all staff, and are happy to consider job share applications and requests for flexible working arrangements from our employees. Our Athena SWAN [webpage](#) provides more information.

Find out more about the [Faculty of Biological Sciences](#).

At the University of Leeds, we are committed to providing a culture of inclusion, respect and equity of opportunity that attracts, supports, and retains the best students and staff from all backgrounds. Whatever role we recruit for we are always striving to increase the diversity of our community, which each individual helps enrich and cultivate. We particularly encourage applications from, but not limited to Black, Asian, people who belong to a minority ethnic community; people who identify as LGBT+; and disabled people. Candidates will always be selected based on merit and ability.

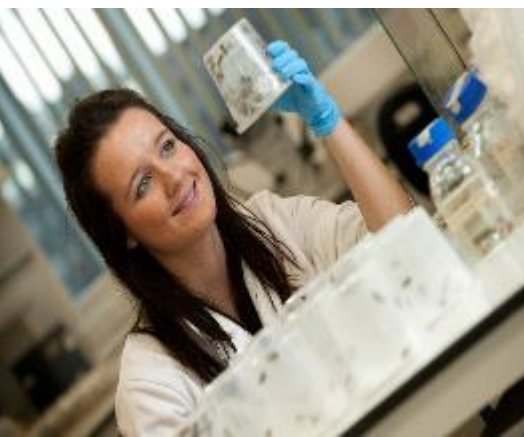
Working at Leeds

We are a campus-based community and regular interaction with campus is an expectation of all roles in line with academic and service needs and the requirements of the role. We are also open to discussing flexible working arrangements. To find out more about the benefits of working at the University and what it is like to live and work in the Leeds area visit our [Working at Leeds](#) information page.

Candidates with disabilities

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at disclosure@leeds.ac.uk.





Criminal record information

Rehabilitation of Offenders Act 1974

A criminal record check is not required for this position. However, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information page.

