

Job Description

Role Title:	Specialist Technician – Prosthetics and Orthotics
School / Dept:	School of Health and Society
Reference:	MPF900
Grade:	Grade 6
Full or Part time:	Full time
Hours:	1.0 FTE / 36.25
Reports to:	Technical Manager

Overview

The Prosthetics and Orthotics School has a dynamic team of academic staff delivering high-quality educational programmes. The BSc (Hons) Prosthetic and Orthotic degree is a dual-qualification award that trains up to 45 students annually, working in partnership with NHS Trusts and private companies that offer placement opportunities nationally. This innovative programme is delivered through a hybrid problem-based learning (PBL) model that integrates traditional subjects into learning aligned with modern care pathways.

This role will provide technical and practical support for teaching and learning activities, demonstrating a range of techniques, skills and methods in both traditional and digital technologies across the whole suite of laboratories and other practical spaces.

Role Purpose

To provide general and specialist technical support to staff and students within the School of Prosthetics and Orthotics, and as required across the School of Health & Society. To contribute to, develop and engage with a variety of learning techniques, employing best practice in the delivery of on-campus clinical education and simulated skills training. To develop your skills in helping teach and learning to develop the next generation of healthcare professionals.

Principal Duties & Responsibilities

- Provide appropriate general and specialist technical support for teaching, group study, practical demonstrations, testing, fault diagnosis, collaborations, research and research analysis
- Provide support for the Prosthetic and Orthotic programme, and others if appropriate, which are delivered in the University's laboratories / clinical spaces.
- Prepare teaching materials for practical demonstrations. Supervise and assist in student learning.
- Co-supervise student activities, including, where appropriate, PGT and field trips
- Demonstrate the correct methods and techniques for a range of specialist equipment and appropriate techniques relating to the clinical areas to students and staff. This can be on a one-to-one or group basis, including assisting with the organisation and implementation of any related assessments.
- Manufacture Prosthetic and Orthotic devices as required for teaching.
- Develop and maintain relevant databases to ensure the integrity of materials, components, information and assets.
- Liaising as necessary with external clients (e.g. collaborative research groups) and suppliers to solve technical issues and/or to provide an effective customer-driven service.
- Maintain clinical spaces in the P&O department in a clean and tidy state.
- Maintain an up-to-date knowledge of appropriate machinery and systems, e.g. drills, routers, Health & Safety systems.
- Participate in workshop/ clinical related activities linked to teaching, research, consultancy and collaborations.
- Be responsible for the effective delivery of clinical related services to inside/ outside clients
- Provide resource assistance to conferences, away days, open days, and applicant visitor days
- Support research projects/ students by providing equipment and advising on the safe handling of equipment whilst promoting good workshop/ clinical practice
- Maintaining adequate equipment, chemicals, and consumables within laboratories and ordering materials and supplies in accordance with established procedures.
- Providing and managing an equipment and laboratory booking service.

- Providing daily checks, setting up and calibrating specialist equipment and ensuring equipment is serviced at regular intervals and that the programme of maintenance is documented.
- Assisting with the coordination, installation and commissioning of new equipment for staff and student use.
- Forecasting, ordering, and maintaining stock and hardware within agreed limits and in consultation with appropriate staff.
- Being aware of risks and hazards associated with laboratory work, and bringing to the attention of senior staff any matters relating to the health and safety of staff, students and visitors.
- To engage with team and individual development opportunities, including PDRs and demonstrate a willingness to adapt, develop new skills, etc.
- Producing and updating risk assessments and COSHH documentation, and coordinating safe systems of working.
- Liaising with appropriate H&S staff to ensure safe working practices are followed.
- Provide health and safety support as required, e.g. Fire Marshall.
- Perform any other duties appropriate to the grade as may be required by the Technical Manager/Head of School/Head of Division, etc.
- Engage with the University's commitment to deliver value for money services that optimise the use of resources by maintaining a cost-conscious approach when undertaking all duties and aspects of the role.
- To engage in the Technician Commitment at the university:
<https://www.salford.ac.uk/technicians-commitment>
- Comply with the personal health and safety responsibilities specified in the University Health and Safety policy.
- To engage with the University's commitment to put our students first and deliver services which are customer orientated, represent value for money and contribute to the financial and environmental sustainability of the University when undertaking all duties and aspects of the role.
- Advance equality, support our work towards eliminating unlawful discrimination, foster an inclusive study and work environment for students, staff and visitors in accordance with our public sector equality duties and university policy.

This role detail is a guide to the work you will initially be required to undertake. It may be changed from time to time to meet changing circumstances. It does not form part of your Contract of Employment.

Person specification follows on next page

Person Specification

The successful candidate should demonstrate the following, which are 'Essential' (E) or 'Desirable' (D)

Qualifications

1. Holds a relevant qualification and or relevant professional experience. **(E)**

Background and Experience

2. Experience of working within and maintaining a Prosthetic/ Orthotic workshop. **(E)**
3. Practical experience working with prosthetic and orthotic components, including hands on fabrication, fitting adjustments, and technical repairs. **(E)**
4. Experience in maintaining health and safety policies and procedures, including conducting and applying risk assessments. **(E)**
5. Experience of providing teaching and/ or research assistance in relation to prosthetics/ orthotics. **(D)**
6. Experience in problem-solving and troubleshooting prosthetic/ orthotic equipment. **(D)**

Knowledge

7. Thorough knowledge of Prosthetic/ Orthotic equipment, materials and components. **(E)**
8. Thorough knowledge of the upkeep and maintenance of prosthetic/ orthotic workshop equipment. **(E)**
9. Proficient in IT skills, including the use of ordering systems, Microsoft Word, and Excel. **(D)**

Skills and Competencies

10. Excellent communication and interpersonal skills. **(E)**
11. Ability to plan and organise technical delivery in support of teaching and learning activity. **(E)**
12. The ability to work in a cooperative and courteous manner, both independently and as part of a team. **(E)**
13. Good organisational skills and the ability to act alone to prioritise workload. **(E)**
14. The flexibility to work within a changing environment. **(E)**
15. Ability to convey complex technical details to a varied audience. **(D)**