

Medical Engineering Apprenticeships at Leeds Teaching Hospitals

Introduction

Since its launch in 2013, the Medical Engineering Apprenticeship Scheme at Leeds Teaching Hospitals Trust (LTH) has enjoyed great success. With the intake of new apprentices each year, the department has set a new benchmark for standards of training and mentorship.

The department advertises for new apprentices in February to coincide with the National Apprentice Week with successful applicants starting late August.

As a medical engineering apprentice at LTH you can expect to work in many different medical engineering disciplines across the LTH sites. You will develop a broad range of skills which will prepare you for a successful career in your chosen area of Medical Physics & Engineering. Some of the areas where you will work are as follows -

Radiotherapy Electronics

You will be involved in the planned maintenance and repair of our fleet of twelve linear accelerators. You will accompany our team of highly qualified electronic engineers to learn everything there is to know about these amazing machines.



Mechanical Engineering

The apprenticeship includes training provided by our team of experienced skilled mechanical engineers. You will be trained to be proficient in the use of both hand and machine tools such as lathes, milling machines, pillar drills and many more.

As well as developing manufacturing skills, you will be taught how to design bespoke products for use in both servicing and clinical applications.



Clinical Computing

Clinical computing plays a huge role in the operation of our clinical service and often the whole clinical service is reliant on the operation of the clinical computer network and systems. You will receive in depth training on topics including hardware repair and upgrade, software, networking, data management, security and information governance.

Clinical Engineering

In Clinical Engineering you will learn to service a wide range of medical equipment including equipment used in the operating theatres and critical care wards.

You will benefit from the team's vast medical engineering knowledge and also have the opportunity to attend and observe clinical procedures and operations.

Medical Imaging

Medical Imaging includes the servicing diagnostic equipment such as X-ray and ultrasound scanners. You will learn to service and manage this equipment across all the LTH sites.



Renal Engineering

The Renal Engineering section manages dialysis equipment both in the hospital environment and in patients homes. Working with clinical technologists and with the clinical team learning you will experience how all aspects of the dialysis service is managed and how it is safely delivered.

Rehabilitation Engineering

You will work in a multi disciplinary team assessing patients specific mobility needs. You will also see cutting edge technology, that is often bespoke, prescribed and implemented to improve the mobility and quality of life for our patients

Academic Qualifications

Alongside your practical training you will undertake a work based Level 3 qualification in Medical Engineering Maintenance and attend college one day a week to achieve a BTEC Level 3 in Electrical and Electronic Engineering.

Mentorship

Throughout your training in the Medical Physics and Engineering Department you can expect to be guided and supported by our group of enthusiastic mentors and trainers. With a comprehensive training plan in place as well as years of experience in the department, the quality of training to be received is second to none.

Information

For more details, register and look out for the vacancies on the NHS Jobs website at: www.jobs.nhs.uk

Other useful information can be found at: <https://hireanapprentice.campaign.gov.uk/>

Our training provider is JTL Training Limited. You will need to register with JTL at <https://www.jtltraining.com/>

Other useful websites-

Health Education England- <https://hee.nhs.uk>

Institute of Physics and Engineering in Medicine- <http://www.ipem.ac.uk>

