

MEDICAL ENGINEERING APPRENTICESHIPS



→ About Us

The Medical Engineering Apprenticeship Scheme at Leeds Teaching Hospitals Trust (LTH) has enjoyed great success. LTH advertises for new apprentices every February to coincide with the National Apprentice Week, with successful applicants starting in 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.

→ Radiotherapy Electronics

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



→ 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.



→ Clinical Computing

Clinical computing plays a huge role in the operation of our clinical service. Often, the entire 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 upgrading, software, networking, data management, security and information governance.



→ Mechanical Engineering

The apprenticeship includes training provided by our team of experienced mechanical engineers.

You will be trained to use both hand and machine tools such as lathes, milling machines and pillar drills. These skills will then be put to use as a part of your training programme, as you complete a project with assistance from members of the mechanical engineering team.

As well as developing manufacturing skills, you will be taught how to design bespoke products for use in both servicing and clinical applications, with a goal of improving our overall service to patients.



→ Rehabilitation Engineering

On this placement, you'll work in a multi-disciplinary team, assessing patients' specific mobility needs. Using cutting edge technology, you'll be involved in prescribing and implementing bespoke adjustments to improve mobility and quality of life.

This team offers the opportunity to work closely with patients in order to fulfil their needs.

→ 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, you will experience how all aspects of the dialysis service are managed and how this is safely delivered.

→ Academic Qualifications

Apprentices work towards a Level 4 Healthcare Science Diploma, specialising in Medical Engineering. This learning is delivered alongside your practical experience and training day-to-day, with dedicated study days for lectures and coursework.

Throughout your time in the Medical Physics and Engineering Department, you'll 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 is second to none.

→ More Information

Scan the QR code to apply for the apprenticeship and find out more useful information about the apprenticeship, the NHS and medical engineering:

