

Healthcare Science Assistant Apprenticeship (Level 2)

Duration: 8-14 months



Why Organisations Choose This Programme

- Develop a skilled entry-level healthcare science workforce
- Support recruitment and retention across healthcare science services
- Build confidence in safe laboratory and clinical practice
- Improve quality, consistency and patient safety
- Create progression opportunities into Level 4 Healthcare Science Associate Apprenticeships
- Support workforce planning and service delivery

What The Programme Covers

Learners develop knowledge and skills in:

- Health and safety in healthcare science
- Infection prevention and control
- Specimen collection, handling and preparation
- Scientific equipment and basic laboratory procedures
- Communication with colleagues, patients and service users
- Quality assurance and governance
- Data recording and confidentiality
- Team working and professional behaviours

The Apprenticeship is Delivered Through:

- Monthly remote taught sessions
- Workplace-based learning and competency development
- One-to-one coaching and progress reviews
- E-portfolio evidence collection
- Employer mentor support
- Gateway preparation and End-Point Assessment

This Level 2 apprenticeship develops competent Healthcare Science Assistants who support scientific, diagnostic and clinical services across healthcare providers. Apprentices gain the knowledge, practical skills and professional behaviours needed to contribute safely and effectively within healthcare science teams.

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Available Level 2 Pathways:

- Ophthalmology
- Decontamination
- Decontamination with Endoscopy
- Respiratory / Sleep
- Respiratory
- Respiratory with Cardiac
- Cardiac
- Pathology
- Phlebotomy
- Medical Engineering
- Sleep Science

End-Point Assessment (EPA)

The assessment typically includes:

- Observation of Practice
- Professional Discussion
- Portfolio Review

Achievement: Level 2 Healthcare Science Assistant Apprenticeship (Pass or Distinction)

Progression Outcomes

Successful apprentices may progress to:

- Senior Healthcare Science Assistant roles
- Assistant Practitioner positions
- Level 4 Healthcare Science Associate Apprenticeship
- Further NHS career development and specialist training

Apprentices will:

- Support diagnostic and scientific procedures
- Prepare equipment and work areas safely
- Handle specimens and materials correctly
- Maintain accurate records
- Follow quality systems and standard operating procedures
- Work effectively as part of multidisciplinary teams
- Deliver safe, patient-centred support

Off-the-job learning (326 hours)

Examples include

- Attending online training sessions
- Specialist development
- coaching and progress reviews

All off the job learning is specialised to your chosen pathway
(Scan the QR code to discover more)

Who is This For?

- New entrants to healthcare science
- Healthcare Support Workers
- Laboratory Assistants
- Clinical Support Workers
- Sterile Services Assistants
- Diagnostic service support staff
- Anyone beginning a career within Healthcare Science

Get in touch!

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