

# Foundation Informatics Apprenticeship

- ❖ Nationally recognised apprenticeships awarded by the British Computer Society (BCS) or City & Guilds (C&G) and accredited by the Institute of Apprenticeships and Technical Education
- ❖ Employed by an NHS lead employer on a fixed term, 18 month contract
- ❖ National Minimum Wage i.e. £ £4.81/hr or £9,406pa for under 18s (figures correct as at 1st April 2022)
- ❖ Weekly live virtual learning sessions of 1½-2 hours in duration
- ❖ Programme facilitated by the NW Skills Development Network and delivered by specialist IT/Digital apprenticeship provider, The Apprenticeship & Training Partnership

L3 Digital Support Technician	L3 Information Communication Technician	L3 IT Solution Technician	L3 Cyber Security Technician	L3 Data Technician	L3 Software Development Technician
<p>Broad based user IT and applications support</p> <p>Supports office applications and collaboration tools</p> <p>Supports OS and peripherals (physical and cloud)</p> <p>Data storage, organisation, management and security</p> <p>Assists with IT projects</p> <p>Fault finding and problem solving</p> <p>Customer service</p>	<p>Support for IT and/or Telecom Infrastructure</p> <p>Root cause problem solving</p> <p>Server/network reactive/preventative maintenance</p> <p>Network performance</p> <p>Backup procedures</p> <p>Data migration</p> <p>Cloud security and firewalls</p> <p>Basic network architecture</p> <p>Basic VPN, Remote Access Security</p> <p>Testing and diagnostics</p>	<p>Assists with developing, implementing maintaining IT solutions</p> <p>Requirements gathering through to testing and support</p> <p>Waterfall and DevOps</p> <p>Deployed for either hardware or software solutions</p> <p>System administration</p> <p>Sets up and upgrades components</p> <p>Maintains documentation</p>	<p>Provides Cyber Security Support</p> <p>Promotes and maintains security controls</p> <p>Installs and maintains security controls</p> <p>Monitors and escalates security events</p> <p>Maintains cryptographic certificates</p> <p>Reviews and administers access</p> <p>Assists with backup and recovery processes</p> <p>Monitors security compliance to organisational policies</p>	<p>Sources, formats and presents data for analysis</p> <p>Analyses structured and unstructured data</p> <p>Blends data from multiple sources</p> <p>Utilises data for decision and outcome support</p> <p>Liaises with Stakeholders</p> <p>Utilises Power BI for virtualisation, reporting and modelling</p> <p>Utilises Tableau, DQL, DDL, DML</p>	<p>Builds software for web, mobile or desktop applications</p> <p>Interprets design requirements</p> <p>Implements code</p> <p>Works within development lifecycle</p> <p>Tests software to meet functional requirements</p> <p>Incorporates security into code</p> <p>Follows organisational coding practices</p> <p>Develops user interfaces</p>

For further information or to be part of this programme please contact:  
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## Foundation Informatics Apprenticeships

### Level 3 Information Communication / IT Solutions / Data / Digital Support / Software Development Technician

The Skills Development Network's Foundation Informatics Apprenticeship is a programme aimed at school and college leavers supporting health service employers to develop the workforce of the future.

The 18-month Level 3 Apprenticeships are intended for individuals commencing roles within either an IT, Information or Software Development team; typical job roles include Service Desk/1<sup>st</sup> Line Support Technician, Junior Data Analyst or Junior Application Developer.

#### What the Programme Includes

##### Recruitment

- Attraction, screening and assessment of potential apprentices
- Upfront employability skills training
- Work experience placement
- Employment via a lead employer

##### Development

- Induction
- Live, virtual classroom training
- Online learning materials
- Individual mentoring/ skills coaching
- Development Days
- Student Conference

##### Support

- Regular meetings in the workplace with a Skills Coach
- Face-to-face and remote support from the Network's Pastoral Officer
- Mentoring

##### Programme Management

- Co-ordination of programme content and delivery
- Training provider quality reviews
- Learner management
- Employer Forum

#### What the Learning Involves

On programme apprentices will be provided with a blended approach comprising weekly, 1½-2 hour, live virtual classroom training sessions with a maximum of 12 attendees and separate individual mentoring sessions.

As well as classroom learning apprentices will be expected to undertake independent study in order to adequately prepare them for any exams/assessments.

#### What End Point Assessment (EPA) Entails

The purpose of the EPA is to assess an apprentice's competency in the role.

Apprentices are put forward for EPA when they have:

- Passed any unit exams/assessments
- Completed at least 20% 'off the job' training
- Produced a portfolio of work-based evidence

Typically, the EPA consists of the following components although there are variations between programmes:

- **Portfolio** of work-based evidence
- **Scenario Demonstrations** with supplementary questions from an Assessor
- **A structured interview** with an Assessor discussing the Portfolio of Evidence

On completion, Apprentices receive a nationally recognised vocational certificate from the Institute for Apprenticeships & Technical Education to recognise their achievement graded either Pass, Merit or Distinction.

#### Programme Duration & Costs

- The programme takes 18 months to complete during which time apprentices are employed by a lead employer on a fixed term contract
- Apprentices are paid National Minimum Wage i.e. £4.81 hr or £9,406 pa for under 18s (figures correct as at 1st April 2022)
- The cost of training, paid via the levy, depends on the programme of study but will be between £11,000 and £15,000.

#### Progression

On completion apprentices could progress on to a relevant L4 Digital Apprenticeship and/or ultimately to study at degree level undertaking a L6 or L7 Digital Apprenticeship.