1b. T Level in Digital Support Services

The Progression Profile

This T Level has four occupational specialisms: Digital Infrastructure, Network Cabling, Digital Support and Cyber Security.

For this occupational specialism, there are progression pathways into apprenticeships, education and work.

The T Level is based on an occupational standard. The occupational standard will have an apprenticeship option, which is referred to in the profile as the 'relevant apprenticeship'.

For some apprenticeships, in particular the relevant apprenticeship, a learner may have covered the content to a high level. They will not need to complete the apprenticeship in this step, this is noted as 'not applicable'. An apprenticeship may also be shortened due to recognised prior learning (RPL), this is noted as accelerated. Links to the mapping have been included which detail the areas in need of further development before full competence is reached in that occupation.

For work, whilst some roles may be accessed after completing the T Level, others are available after further training and gaining more experience.

Please see below, the progression options for the occupational specialism:

1. Digital Infrastructure

For **apprenticeships** at level 3, the relevant apprenticeship Information Communications Technician is not applicable. There is the IT Solutions Technician and Cyber Security Technician apprenticeship options.

At Level 4, there is the Software Tester and DevOps Engineer.

At Level 6 there is the Cyber Security Technical Professional (degree) and Digital and Technology Solutions Professional (degree).

For **education**, degree options may include Computer Science, Web Development and Software Engineering. Higher Technical Qualifications at Level 4 and 5 options may include: Higher National Diploma in Computing; Foundation Degree in Software Development; and Foundation Degree of Science (FdSc) in Computer Science

For **work**, career progression could include Digital Comms Technician, Network Technician, Support Technician, Junior Management Consultant, Cloud technician, First-line support, IT Hardware Solutions Technician, Software developer.

2. Network Cabling

For **apprenticeships** at level 3, the relevant apprenticeship [Network Cable Installer](#) is being revised. Further information will be added once the revisions are finalised. There is the [Information Communications Technician](#) and [Smart Home Technician](#) apprenticeship options.

At level 4 there is the [Network Engineer](#).

At level 6 there is the [Cyber Security Technical Professional](#) (degree) and the [Digital & Technology Solutions Professional](#) (degree).

For **education**, degree options may include Computer Science, Web Development and Software Engineering. [Higher Technical Qualifications](#) at Level 4 and 5 options may include: Higher National Diploma in Computing; Foundation Degree in Software Development; and Foundation Degree of Science (FdSc) in Computer Science

For **work**, career progression could include Network Cable Installer, Smart Home Installation Technician, Residential Network Installer, Audio/ Video installer, Dynamic Network Engineer, Field Based Engineer, Software developer and Desk Based Engineer.

3. Digital Support

For **apprenticeships** at level 3, there is the relevant apprenticeship [Digital Support Technician](#) is [not applicable](#). There is the [Information Communications Technician](#), [IT Solutions Technician](#) and [Cyber Security Technician](#) apprenticeship options.

At Level 4, there is the [Software Tester](#), [DevOps Engineer](#) and [Network Engineer](#).

At Level 6 there is the [Cyber Security Technical Professional](#) (degree) and [Digital and Technology Solutions Professional](#) (degree).

For **education**, degree options may include Computer Science, Web

Development and Software Engineering. [Higher Technical Qualifications](#) at Level 4 and 5 options may include: Higher National Diploma in Computing; Foundation Degree in Software Development; and Foundation Degree of Science (FdSc) in Computer Science

For **work**, career progression could include Digital Comms Technician, Network Technician, Support Technician, Junior Management Consultant, Cloud technician, First-line support and IT Hardware Solutions Technician.

4. Cyber Security

For **apprenticeships** at level 3 there is the relevant apprenticeship [Cyber Security Technician](#).

At level 4, there is the [Cyber Security Technologist](#) and [Network Engineer](#).

At Level 6 there is the [Cyber Security Technical Professional](#) (degree) and [Digital and Technology Solutions Professional](#) (degree).

At Level 7 there is the [Digital and Technology Solutions Specialist (integrated degree)](#).

For **education**, degree options may include: Computer Science, Computer Programming, Database Management, Cyber Security Management, Cyber Security and Information Security. [Higher Technical Qualifications](#) at Level 4 and 5 options may include: Cyber Security Engineer Diploma; Higher National Diploma in Digital Technologies; and Foundation Degree in Cyber Security.

For **work**, career progression could include Access control administrator, Cyber Security administrator, Incident response technician, Junior Information Security Analyst, Junior Penetration Tester, Junior Security Analyst, Junior Security Operations Centre Analyst, Junior Threat and Risk Analyst, Centre Analyst, Cyber operations Manager, Cyber risk analyst/manager, Intelligence researcher, Security analyst, Security architect, Cyber research analyst, Cyber incident Manager, Cyber security Engineer and Cyber Security Design Engineer.

1. Digital Infrastructure Occupational Specialism

Relevant apprenticeship:
Information Communications Technician
Not applicable

Apprenticeships

Level 3
IT Solutions Technician
Cyber Security Technician

Level 4
Software Tester
DevOps Engineer

Level 6
Cyber Security Technical Professional (degree)
Digital & Technology Solutions Professional

Education

HTQ L4/5 options may include:
Higher National Diploma in Computing
Foundation Degree in Software Development
Foundation Degree of Science (FdSc) in Computer Science

Degree options may include:
Computer Science
Web Development
Software Engineering

Work

Career progression could include: Support Technician
Digital Comms Technician   Junior Management Consultant
Network Technician   Cloud technician

First-line support
IT Hardware Solutions Technician
Software developer

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2. Network Cabling Occupational Specialism

Relevant apprenticeship:
Network Cable Installer

Apprenticeships

Level 3
Information Communications Technician
Smart Home Technician

Level 4
Network Engineer

Level 6
Cyber Security Technical Professional (degree)
Digital & Technology Solutions Professional

Education

HTQ L4/5 options may include:
Higher National Diploma in Computing
Foundation Degree in Software Development
Foundation Degree of Science (FdSc) in Computer Science

Degree options may include:
Computer Science
Web Development
Software Engineering

Work

Career progression could include: Residential Network Installer
Network Cable Installer   Audio/ Video installer
Smart Home Installation Technician Desk Based Engineer

Dynamic Network Engineer
Field Based Engineer
Software developer

3. Digital Support Occupational Specialism

Relevant apprenticeship:
Digital Support Technician
Not applicable

Apprenticeships

Level 3
Information Communications Technician
IT Solutions Technician
Cyber Security Technician

Level 4
Software Tester
DevOps Engineer
Network Engineer

Level 6
Cyber Security Technical Professional (degree)
Digital & Technology Solutions Professional

Education

HTQ L4/5 options may include:
Higher National Diploma in Computing
Foundation Degree in Software Development
Foundation Degree of Science (FdSc) in Computer Science

Degree options may include:
Computer Science
Web Development
Software Engineering

Work

Career progression could include: Support Technician
Digital Comms Technician   Junior Management Consultant   First-line support
Network Technician   Cloud technician   IT Hardware Solutions Technician

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4. Cyber Security Occupational Specialism

Relevant apprenticeship:
Cyber Security Technician

Apprenticeships

Level 4
Cyber Security Technologist
Network Engineer

Level 6
Cyber Security Technical Professional (degree)
Digital & Technology Solutions Professional

Level 7
Digital and Technology Solutions Specialist (integrated degree)

Education

HTQ L4/5 options may include:
Cyber Security Engineer Diploma
Higher National Diploma in Digital Technologies
Foundation Degree in Cyber Security

Degree options may include: Cyber Security
Computer Science   Management
Computer Programming   Cyber Security
Database Management   Information Security

Work

Career progression could include: Junior Security Analyst   Intelligence researcher
Access control administrator   Junior Security Operations Centre Analyst   Security analyst
Cyber Security administrator   Junior Threat and Risk Analyst   Security architect
Incident response technician   Centre Analyst   Cyber research analyst
Junior Information Security Analyst   Cyber operations Manager   Cyber incident Manager
Junior Penetration Tester   Cyber risk analyst/manager   Cyber security Engineer
                                                                                 Cyber Security Design Engineer