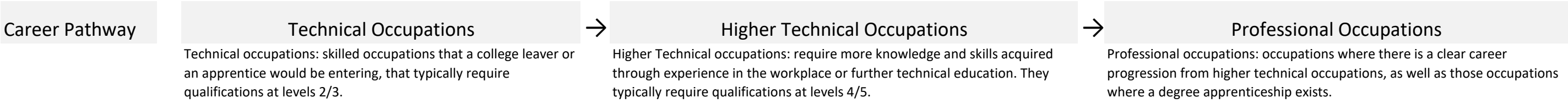


Occupational Map: Digital

This is one of 15 occupational maps that group together occupations that require similar knowledge skills and behaviours. Career pathways and occupational clusters have been used to provide further grouping of occupations, with the pathways indicating options for likely career progression. Every apprenticeship standard has been captured, as well as other skilled occupations where there is a substantial requirement for technical knowledge and practical skills. This map is split into 3 pathways: IT support and services; software and applications design and development; and data and digital business services. The pathways have been split further into several occupational clusters, particularly at the higher technical occupations and professional occupations levels.

Occupations in green: approved for delivery
Occupations in amber: standard published
Occupations in red: standard in development
Occupations in black: proposed standard
(): the number shown in brackets is the level of the apprenticeship (if the level is known)



[Click here](#) for more information on the occupations listed in this map

Digital Support and Services

Cluster: IT Support and Services Technician
Help internal and external customers to install and use IT technology along with trouble - shooting their problems. Skills are developed across IT security and data management.

Digital applications technician (3)
Infrastructure technician (3)
IT solution technician (3)

- Hardware solutions
- Software solutions

IT support
Network cable installer (3)
Unified communications technician (3)

Cluster: Cyber Security Technician
Detect security breaches and respond using alerts from automated tools to determine breach status and resolution working with the incident response team. Extended skills allow hazards, risks and controls to be managed.

Cyber intrusion analyst (4)

- Risk Analyst
- Technologist

Cluster: Hardware, Networks and Infrastructure Technician
Design, install, maintain and support communication networks. Knowledge extends to network configuration, cloud, network administration and monitoring tools. Provides advice and guidance to internal and external customers.

Network engineer (4)
Unified communications trouble shooter (4)

Cluster: IT Systems Technician
Co-ordinate systems development tasks including the design,

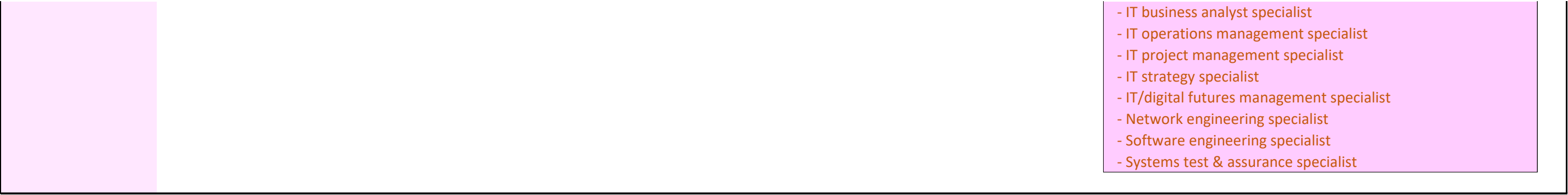
Computer systems analyst
Systems Engineer

Cluster: Cyber Security Professional
Provide and implement cyber security technology enabled solutions for internal and external customers.

Cyber security technical professional (degree) (6)

| | | | |
|---|--|--|---|
| Digital Production Design and Development | Cluster: Software Development Technician <i>Build simple software components (web, mobile, desktop)</i> | Cluster: Software Development Advanced Technician <i>Build and test simple, high quality codes across various layers (front</i> | Cluster: Software Development Professional <i>Software engineering covering modelling, simulation, human</i> |
| | Software development technician (3) | Digital user experience (4) Games designer Software developer (4) Software tester (4) Video Games Quality Assurance Technician (4) Web Development / Web Design | Digital user experience (UX) professional (6) |
| | | | |

| | | | |
|---|---|--|--|
| Development and Digital Business Services | Cluster: Digital Business Technician <i>Define, design, build and implement digital campaigns on all platforms to drive customer acquisition, engagement and retention, sell technical products and services and manage customer relationships.</i> | Cluster: Digital Business Advanced Technician <i>Analyse and deliver business requirements in order to maximise the impact of digital technology across an organisation.</i> | Cluster: Digital Business Professional <i>Devise, implement, monitor and optimise digital campaigns including web design/re-design using customer and user research.</i> |
| | Data Analyst / Administrator (3) | IS Business Analyst (4) Data Architect | |
| | | | |
| | | Cluster: Business Analyst Advanced Technician <i>Collect, organise and analyse data to provide business insights using</i> | Cluster: Business Information Professional <i>Provide and implement data technology enabled solutions to</i> |
| | | Data analyst (4) | Data scientist degree (6) |
| | | | |
| | Cluster: Digital Solutions Advanced Technician <i>Develop technical solutions to solve internal or external customer business problems, and seek to maximise the value gained from the solution. Deliver solutions to time, budget and scope.</i> | Cluster: Digital Solutions Professional <i>Provide and implement technology enabled solutions to internal and external customers.</i> | |
| | Community Coordinator/Associate Community Manager (4) IT Product manager Web content manager | Digital and technology solutions professional (degree) (6): <ul style="list-style-type: none">- Business Analyst- Cyber security specialist- Data analyst- IT consultant- Network engineer- Software engineer Digital and technology solution specialist (7): <ul style="list-style-type: none">- Cyber security technology specialist- Data analytics specialist- Digital business & enterprise system architecture specialist | |

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- IT business analyst specialist
 - IT operations management specialist
 - IT project management specialist
 - IT strategy specialist
 - IT/digital futures management specialist
 - Network engineering specialist
 - Software engineering specialist
 - Systems test & assurance specialist

