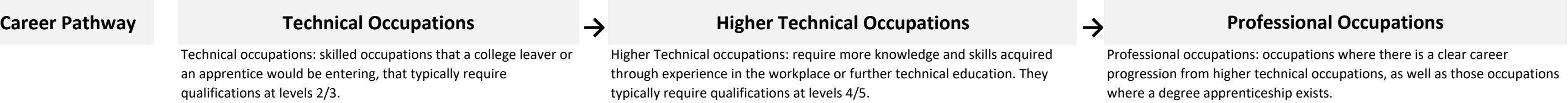


Occupational Map: Digital

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: Digital Support and Services; Digital Production, Design and Development; 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: Standard approved for delivery
Occupations in amber: Standard published
Occupations in red: Standard in development
Occupations in black: Standard awaiting development
The number shown in brackets () is the level of the apprenticeship (if known)



Click here for more information on the occupations listed in this map			
Digital Support and Services	Cluster: IT Support and Services Technician <i>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.</i>	Cluster: Cyber Security Technician <i>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.</i>	Cluster: Cyber Security Professional <i>Provide and implement cyber security technology enabled solutions for internal and external customers.</i>
	Digital Support Technician (3): - Digital Applications Technician - Digital Service Technician Infrastructure Technician (3) IT Solutions Technician (3): - Hardware Solutions - Software Solutions IT Support Network Cable Installer (3) Radio Network Technician (3) Unified Communications Technician (3)	Cyber Intrusion Analyst (4) Cyber Security Technologist (4) - Technologist - Risk Analyst	Cyber Security Technical Professional (degree) (6)
		Cluster: Hardware, Networks and Infrastructure Technician <i>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.</i>	
		Network Engineer (4) Unified Communications Troubleshooter (4)	
		Cluster: IT Systems Technician <i>Co-ordinate systems development tasks including the design, integration and formal testing, oversees transition into production.</i>	
		Computer Systems Analyst Systems Engineer	

Digital Production, Design and Development	Cluster: Software Development Technician <i>Build simple software components (web, mobile, desktop applications) as a part of larger software development project. Interpret simple design requirements and testing to ensure components meet their intended functionality.</i>			Cluster: Software Development Professional <i>Software engineering covering modelling, simulation, human factors, systems engineering and influences upon product architecture throughout the whole product lifecycle.</i>
	Software Development Technician (3)	Cluster: Software Development Advanced Technician <i>Build and test simple, high quality codes across various layers (front end, logic and database) and interpret design documents and specifications.</i>		Digital User Experience (UX) Professional (6) Creative Digital Design Professional (6)
		DevOps Engineer (4) Digital User Experience (4) Games Designer Software Developer (4) Software Tester (4) Video Games Quality Assurance Technician (4) Web Development/Web Design		
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 Technician (3)	IS Business Analyst (4) Data Architect		
		Cluster: Business Analyst Advanced Technician <i>Collect, organise and analyse data to provide business insights using extensive knowledge of data solutions, database systems and analytical tools.</i>		Cluster: Business Information Professional <i>Provide and implement data technology enabled solutions to support internal and external customers.</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>
		Digital Community Manager (4) IT Product Manager Web Content Manager		Artificial Intelligence (AI) Data Specialist (degree) (7) Digital & Technology Solutions Professional (degree) (6): - Business Analyst - Cyber Security Specialist - Data Analyst - IT Consultant - Network Engineer - Software Engineer Digital & Technology Solution Specialist (7):

- Cyber Security Technology Specialist
- Data Analytics Specialist
- Digital Business & Enterprise System Architecture Specialist
- 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

