



Apprenticeship Programme 2017

IT, Software, Web & Telecoms Professionals

Levels:

2/3/4/5

The Advanced and Higher Apprenticeship for IT, Software, Web & Telecoms is made up of qualifications and learning that will provide apprentices with the skills and knowledge required to become competent in their chosen job role. The framework includes a balance of content in technical, business and interpersonal areas, designed to ensure apprentices have an appropriate set of skills to operate in today's IT & Telecoms job roles such as:



Senior IT Technician / 2nd /3rd line support

Systems support desk/ Telecommunications technician/ Engineer Network Planner

In addition to generic units, the apprenticeship contains 'vendor' and industry recognised certifications from Microsoft, Cisco, VMware, Citrix, Juniper, LPI Linux, EMC and CompTIA.

A choice of 1 vendor unit from:

VMware Install Configure & Manage 6 (VCP6)	Checkpoint Firewall
Citrix Certified Professional (CCP7.6)	CompTIA A+
LPI Linux Essentials	EMC Information Systems Management (Storage)
Microsoft Exchange Server	Prince2 Foundation
Microsoft System Center Manager (SCCM)	ITIL V3 Foundation

Advanced Apprenticeship for IT, Software, Web & Telecoms Professionals

Select one pathway Option 1 (Network Engineer) or Option 2 (Server Engineer)

Diploma in ICT Systems and Principles			
Knowledge		Exam Code	Credit Value
Install, Configure and Upgrade ICT Software		7540-362	7
Testing ICT Systems		7540-321	11
Principles of ICT Systems and data security		7540-011	6
Competence - Option 1 - CCNA (Network Engineer)			
Title		Exam Code	Credit Value
Health and safety in ICT		4520-302	12
Develop own effectiveness and professionalism		4520-304	9
CCNA Routing and Switching - Introduction to networks		4520-601	17
CCNA Routing and Switching - Routing and switching essentials		4520-602	27
CCNA Routing and Switching - Scaling networks		4520-603	15
CCNA Routing and Switching - Connecting Networks		4520-603	18
Credits total			98

ADVANCED

OPTION 1

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ADVANCED	OPTION 2	Competence - Option 2 - MCSA (Server Engineer)		
		Title	Exam Code	Credit Value
		Health and safety in ICT	4520-302	12
		Develop own effectiveness and professionalism	4520-304	9
		MTA: Windows Server Administration Fundamentals	4520-256	10
		MTA: Security Fundamentals	4520-254	10
		MS 410 Installing and Configuring Windows Server 2012	7540-634	11
		MS 411 Administering Windows Server 2012	7540-631	11
		MS 412 Configuring Advanced Windows Server 2012 Services	7540-632	12
	Credits total			75

Higher Apprenticeship for IT, Software, Web & Telecoms Professionals

HIGHER	Diploma in IT Professionals					
	Qualifications		Awarding Body	Level	Credit Value	
		Level 4 Diploma for ICT Professional (Systems and Principles)	City and Guilds	Level 4	137	
		Level 4 Diploma in ICT Professional Competence	City and Guilds	Level 4	91	
	UNITS	Level 4 Diploma in ICT Systems and Principles				
		Unit name		Awarding Body	Unit Code	Credit Value
		Project management		City and Guilds	400	15
		Effective communication in business		City and Guilds	401	15
		Systems development		City and Guilds	402	12
		Personal and professional development		City and Guilds	403	10
		Network operating systems		City and Guilds	419	15
		Local Area Networking Technologies		City and Guilds	503	15
		Emerging Technologies		City and Guilds	413	15
		CCNA Routing and Switching - Introduction to networks		Cisco	306	10
		CCNA Routing and Switching - Routing and switching essentials		Cisco	307	10
		CCNA Routing and Switching - Scaling networks		Cisco	305	10
		CCNA Routing and Switching - Connecting Networks		Cisco	304	10
	UNITS	Level 4 Diploma in ICT Professional Competence				
		Unit name		Awarding Body	Unit Code	Credit Value
		Level 3 Health and Safety in ICT 3		City and Guilds	302	12
		Level 4 Develop own effectiveness amd professionalism		City and Guilds	404	12
		Level 3 Software instalation and upgrade		City and Guilds	308	12
		Level 4 Remote support for ICT products and services		City and Guilds	406	15
		CCNP Route		Cisco	432	10
		CCNP Switch		Cisco	433	10
CCNP TS		Cisco	444	20		



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Apprenticeship Programme 2017

IT Application Specialist

Levels:



The Intermediate and Advanced Apprenticeship for IT Application Specialist is made up of qualifications and learning that will provide apprentices with the skills and knowledge required to become competent in their chosen job role. The framework offers a wide range of optional units that the Apprentice can study to match their particular organisational and job role. The framework is suitable for those whose main job role is to use IT applications in support of colleagues or customers in any sector or industry. This can include:

Providing support and assistance to colleagues to make effective use of available IT systems and software developing

Testing and implementing solutions to improve workplace productivity through the use of IT using the advanced features of IT Application Software

Design and improvement of many types of formatted information including documents, diagrams, spreadsheets and presentations

Maintaining simple websites, using the internet to find and exchange information and using social media to publish information



Intermediate Apprenticeship for IT Application Specialist

INTERMEDIATE	Diploma in IT User Skills			
	Qualifications	Awarding Body	Level	Credit Value
	Functional Skills English	City and Guilds	Level 2	5
	Functional Skills Maths	City and Guilds	Level 2	5
	Functional Skills ICT	City and Guilds	Level 2	5
	Employment Rights and Responsibilities			
	Level 2 Diploma in IT User Skills			
	Title	Awarding Body	Unit Code	Credit Value
	Improving Productivity Using IT	City and Guilds	201	4
	Understanding the Potential of IT	City and Guilds	234	8
	Developing personal and team effectiveness using IT	City and Guilds	235	4
	Spreadsheet Software	City and Guilds	227	4
	Database Software	City and Guilds	219	4
	Word Processing Software	City and Guilds	229	4
	Presentation Software	City and Guilds	225	4

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Advanced Apprenticeship for IT Application Specialist

ADVANCED	Diploma in IT User Skills			
	Qualifications	Awarding Body	Level	Credit Value
	Functional Skills English	City and Guilds	Level 3	5
	Functional Skills Maths	City and Guilds	Level 3	5
	Functional Skills ICT	City and Guilds	Level 3	5
	Employment Rights and Responsibilities			
	Level 3 Diploma in IT User Skills			
	Title	Awarding Body	Unit Code	Credit Value
	Improving Productivity Using IT	City and Guilds	301	5
	Understanding the Potential of IT	City and Guilds	334	8
	Developing personal and team effectiveness using IT	City and Guilds	335	4
	Spreadsheet Software	City and Guilds	327	6
	Database Software	City and Guilds	319	6
	Word Processing Software	City and Guilds	229	4
	Presentation Software	City and Guilds	325	6

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