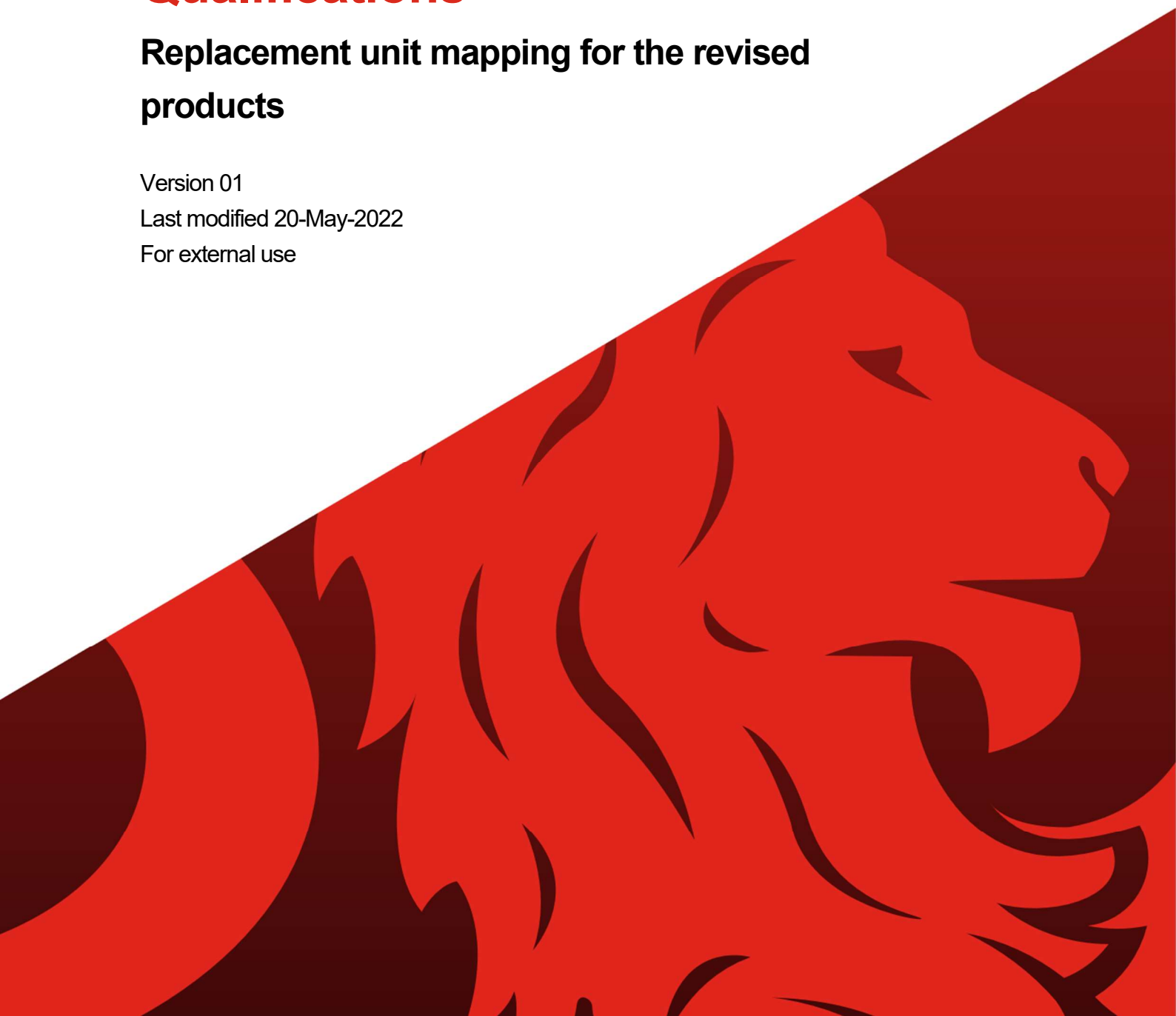
7540/7630/4520 IT Professional Qualifications

Replacement unit mapping for the revised products

Version 01
Last modified 20-May-2022
For external use



Document revision history

Version	Changed by	Summary of change	Approval date
01	Technical Adviser	First creation of document to show replacement units (as appropriate) for those removed and note ability to use various vendor certifications against the Vendor Alike units plus the addition of the information/cyber units.	06 June 2022
[00]	[Department name]	[Description]	[day Month year]

Contents

Document revision history 1

1. About this document 3

1.1. Rationale for revision of the qualifications 4

1.1.1. Units not listed and credit value changes 4

1.1.2. Further support 4

2. Removed Unit mapping 5

2.1. 7540-12 Level 2 IT Systems and Principles / System Support 5

2.2. 4520-02 Level 2 ICT Professional Competence 7

2.3. 7540-13 Level 3 IT Systems and Principles / System Support 9

2.4. 4520-03 Level 3 ICT Professional Competence 11

2.5. 7630-04 IT Systems and Principles 13

2.6. 4520-04 Level 4 ICT Professional Competence 14

3. Vendor Alike Units 17

3.1. Rationale for development 17

3.1.1. Cisco 17

3.1.2. CompTIA – same unit numbers in 7540, 4520 and 7630 18

3.1.3. Microsoft units – same unit numbers in 7540, 4520 and 7630 18

3.1.4. Huawei 20

3.1.5. Juniper 21

4. Summary 22

1. About this document

As part of the review of products conducted by City & Guilds, the following products were revised:

Table 1: IT Professional Vocational Related Qualifications and Work Based Qualifications

Qualification number	Qualification Title
7540-12	Level 2 Award in ICT Systems and Principles
	Level 2 Certificate in ICT Systems Support
	Level 2 Diploma in ICT Systems Support
	Level 2 Diploma in ICT Systems and Principles for IT Professionals
7540-13	Level 3 Certificate in ICT Systems and Principles
	Level 3 Diploma in ICT Systems Support
	Level 3 Diploma for ICT Systems and Principles for IT Professionals
7630-03	Level 4 Diploma for ICT Professionals - Systems and Principles
4520-02	Level 2 Diploma in ICT Professional Competence
4520-03	Level 3 Diploma in ICT Professional Competence
4520-04	Level 4 Diploma in ICT Professional Competence

This document sets out a mapping of units that have been removed to those either added or remaining in the products to allow training providers to continue their normal delivery and claim the relevant qualification for their learners.

1.1. Rationale for revision of the qualifications

Over many years the IT Professional qualifications have had a number of named vendor units added to them that were of their time and have since been retired or revised quite dramatically. We do have Vendor alike units that were written with the support of Microsoft, Cisco and CompTIA and were worded more generically to allow for future updates to their programmes and allow for vendors entering the market (eg Juniper and Huawei for networking) to be able to be used by providers without the need to create new units. A list of these is provided in the appendix.

In addition, we have replaced the programming units which have named languages with generic units to allow our providers to select the most appropriate programming methodology and language for their local need rather than placing unnecessary restriction on their use.

We have also looked to tidy up the qualifications, where units of a level were found in one product but not in one level higher or lower as appropriate. This included some units at a specific level that were not in the qualification of that level.

Finally, we wanted to provide for those who now seek to deliver information or cyber security programmes. To do this we have imported units from our retired Information Security qualification to allow for either pure information/cyber security courses or for providers to add a relevant unit to a network, software, web development or telecoms programme they already have in place.

1.1.1. Units not listed and credit value changes

Some vendor products have no equivalent replacement because the products have not been available for several years and those training providers using the latest versions or replacements should be using the Vendor Alike units as listed in this document.

1.1.2. Further support

As part of our revision work, we have also developed a document that provides some ideas of programmes that providers could run – using a relevant course title rather than our qualification name.

This document can be found:

The latest products offered by vendors that replace retired certifications can also be used to gain units within the City & Guilds qualifications. Also, recognising new vendor training, such AWS, etc., if a provider can show an 80% mapping of the certification requirements to one of the City & Guilds units then we will accept that as proof to awarding the relevant unit.

2. Removed Unit mapping

2.1. 7540-12 Level 2 IT Systems and Principles / System Support

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
7540-004	Level 2 Creating an object-oriented computer program using C++ (7 credits)	***7540-851***	*Level 2 Creating an object-oriented computer program (7 credits)*
7540-006	Level 2 Creating an event driven computer program using Visual Basic (7 credits)	***7540-852***	*Level 2 Creating an event driven computer program (7 credits)*
7540-007	Level 2 Creating an event driven computer program using Java (7 credits)		
7540-008	Level 2 Creating an event driven computer program using C# (7 credits)		
7540-009	Level 2 Creating an event driven computer program using C# (7 credits)		
7540-005	Level 2 Creating a procedural computer program using COBOL (7 credits)	***7540-853***	*Level 2 Creating a procedural computer program (7 credits)*
7540-701	Level 2 Cisco IT Essentials Part 1 (10 credits)	***7540-607***	*Level 2 ICT fundamentals (20 credits)* *(Cisco Essential is equivalent of CompTIA A+ and both are set at Level 2 – to achieve this unit the learner needs to be successful in either both parts of CompTIA A+ or the latest Cisco Essentials programme)*
7540-758	Level 3 CISCO IT Essentials Part 2 (10 credits)		
7540-702	Level 2 CompTIA A+ Essentials (2009) (10 credits)		
7540-703	Level 2 CompTIA A+ Practical Application (10 credits)		
7540-512	Level 2 MTA: Security Fundamentals (10 credits)	***7540-625***	*IT security fundamentals (8 Credits)*

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
7540-513	Level 2 MTA: Database Administration Fundamentals (10 credits)	***7540-618***	*Fundamentals of Database administration (8 Credits)*
7540-514	Level 2 MTA: Web Development Fundamentals (10 credits)	***7540-627***	*Web development fundamentals (9 Credits)*
7540-515	Level 2 MTA: Networking Fundamentals (10 credits)	***7540-624***	*Networking fundamentals (9 Credits)*
7540-516	Level 2 MTA: Windows Development Fundamentals (10 credits)	***7540-626***	*Windows development fundamental (8 Credits)*
7540-517	Level 2 MTA: Windows Server Administration Fundamentals (10 credits)	***7540-617***	*Fundamentals of Windows based server administration (10 Credits)*
7540-034	Level 3 Creating an object-oriented computer program using C++ (12 credits)	***7540-644***	*Level 3 Creating an object-oriented computer program (12 credits)*
7540-035	Level 3 Creating a procedural computer program using COBOL (12 credits)	***7540-643***	*Level 3 Creating a procedural computer program (12 credits)*
7540-036	Level 3 Creating an event driven computer program using Visual Basic (12 credits)	***7540-642***	*Level 3 Creating an event driven computer program (12 credits)*
7540-037	Level 3 Creating an object-oriented computer program using Java (12 credits)	***7540-644***	*Level 3 Creating an object-oriented computer program (12 credits)*
7540-038	Level 3 Creating an event driven computer program using Visual basic.Net (12 credits)	***7540-642***	*Level 3 Creating an event driven computer program (12 credits)*
7540-039	Level 3 Creating an object-oriented computer program using C# (12 credits)	***7540-644***	*Level 3 Creating an object-oriented computer program (12 credits)*
7540-750	Level 3 CompTIA Network + (2009) (10 credits)	***7540-611***	*Implement and manage a network (10 Credits)*
7540-755	Level 3 CompTIA Security+ (2008) (10 credits)	***7540-612***	*Securing ICT systems and networks (9 Credits)*

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
7540-757	Level 3 CompTIA server + (2009) (10 credits)	***7540-613***	*Install and configure a server (9 Credits)*
7540-776	Level 3 CompTIA and Linux Professional Institute Certification 102 (10 credits)	***7540-610***	*Level 3 Configure and manage Linux based operating systems (12 credits)*

2.2. 4520-02 Level 2 ICT Professional Competence

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
4520-186	Level 1 CompTIA Strata Fundamentals of IT Technology	***4520-605***	*Fundamentals of IT technology (7 Credits)*
4520-187	Level 1 CompTIA Strata - Fundamentals of PC Functionality	***4520-604***	*Practical fundamentals of ICT (9 Credits)*
4520-220	Level 2 Creating an object-oriented computer program using C++ (7 Credits)	***4520-226***	*Level 2 Creating an object-oriented computer program (7 Credits)*
4520-222	Level 2 Creating an event driven computer program using Visual Basic (7 Credits)	***4520-227***	*Level 2 Creating an event driven computer program (7 Credits)*
4520-223	Level 2 Creating an event driven computer program using Java (7 Credits)		
4520-224	Level 2 Creating an event driven computer program using C# (7 Credits)		
4520-225	Level 2 Creating an event driven computer program using VisualBasic.net (7 Credits)		
4520-252	Level 2 MTA: Software Development Fundamentals (10 Credits)	***4520-620***	*Software development fundamentals*
4520-253	Level 2 MTA: Windows Development Fundamentals (10 Credits)	***4520-626***	*Windows development fundamental (8 Credits)*

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
4520-254	Level 2 MTA: Security Fundamentals (10 Credits)	***4520-625***	*IT security fundamentals (8 Credits)*
4520-255	Level 2 MTA: Networking Fundamentals (10 Credits)	***4520-624***	*Networking fundamentals (9 Credits)*
4520-256	Level 2 MTA: Windows Server Administration Fundamentals (10 Credits)	***4520-617***	*Fundamentals of Windows based server administration (10 Credits)*
4520-257	Level 2 MTA: Database Administration Fundamentals (10 Credits)	***4520-618***	*Fundamentals of Database administration (8 Credits)*
4520-258	Level 2 MTA: Web Development Fundamentals (10 Credits)	***4520-627***	*Web development fundamentals*
4520-229	Level 2 CompTIA A+ Essentials (2009) (10 Credits)	***4520-607***	*Level 2 ICT fundamentals (20 credits)* *(Cisco Essential is equivalent of CompTIA A+ and both are set at Level 2 – to achieve this unit the learner needs to be successful in either both parts of CompTIA A+ or the latest Cisco Essentials programme)*
4520-230	Level 2 CompTIA A+ Practical Application (10 Credits)		
4520-232	Level 2 CISCO IT Essentials Part 1 (10 Credits)		
4520-332	Level 3 CISCO IT Essentials Part 2 (10 Credits)		
4520-320	Level 3 Creating an object-oriented computer program using C++ (12 Credits)	***4520-644***	*Level 3 Creating an object-oriented computer program*
4520-322	Level 3 Creating an event driven computer program using Visual Basic (12 Credits)	***4520-642***	*Level 3 Creating an event driven computer program*
4520-323	Level 3 Creating an object-oriented computer program - using Java (12 Credits)	***4520-644***	*Level 3 Creating an object-oriented computer program*
4520-324	Level 3 Creating an event driven software computer program - using VisualBasic.net (12 Credits)	***4520-642***	*Level 3 Creating an event driven computer program*
4520-325	Level 3 Creating an object-oriented computer program - using C# (12 Credits)	***4520-644***	*Level 3 Creating an object-oriented computer program*

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
4520-329	Level 3 CompTIA Network + (2009) (10 Credits)	***4520-611***	*Implement and manage a network (10 Credits)*
4520-330	Level 3 CompTIA Security + (2008) (10 Credits)	***4520-612***	*Securing ICT systems and networks (9 Credits)*
4520-331	Level 3 CompTIA Server + (2009) (10 Credits)	***4520-613***	*Install and configure a server (9 Credits)*

2.3. 7540-13 Level 3 IT Systems and Principles / System Support

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
7540-004	Level 2 Creating an object-oriented computer program using C++ (7 credits)	***7540-851***	*Level 2 Creating an object-oriented computer program (7 credits)*
7540-006	Level 2 Creating an event driven computer program using Visual Basic (7 credits)	***7540-852***	*Level 2 Creating an event driven computer program (7 credits)*
7540-007	Level 2 Creating an event driven computer program using Java (7 credits)		
7540-008	Level 2 Creating an event driven computer program using C# (7 credits)		
7540-009	Level 2 Creating an event driven computer program using C# (7 credits)		
7540-005	Level 2 Creating a procedural computer program using COBOL (7 credits)	***7540-853***	*Level 2 Creating a procedural computer program (7 credits)*
7540-701	Level 2 Cisco IT Essentials Part 1 (10 credits)	***7540-607***	*Level 2 ICT fundamentals (20 credits)* *(Cisco Essential is equivalent of CompTIA A+ and both are set at Level 2 – to achieve this unit the learner needs to be successful in either both parts of CompTIA A+ or the latest Cisco Essentials programme)*
7540-758	Level 3 CISCO IT Essentials Part 2 (10 credits)		

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
7540-702	Level 2 CompTIA A+ Essentials (2009) (10 credits)	***7540-607***	*Level 2 ICT fundamentals (20 credits)* *(Cisco Essential is equivalent of CompTIA A+ and both are set at Level 2 – to achieve this unit the learner needs to be successful in either both parts of CompTIA A+ or the latest Cisco Essentials programme)*
7540-703	Level 2 CompTIA A+ Practical Application (10 credits)		
7540-034	Level 3 Creating an object-oriented computer program using C++ (12 credits)	***7540-644***	*Level 3 Creating an object-oriented computer program (12 credits)*
7540-037	Level 3 Creating an object-oriented computer program using Java (12 credits)		
7540-039	Level 3 Creating an object-oriented computer program using C# (12 credits)		
7540-036	Level 3 Creating an event driven computer program using Visual Basic (12 credits)	***7540-642***	*Level 3 Creating an event driven computer program (12 credits)*
7540-038	Level 3 Creating an event driven computer program using Visual basic.Net (12 credits)		
7540-035	Level 3 Creating a procedural computer program using COBOL (12 credits)	***7540-643***	*Level 3 Creating a procedural computer program (12 credits)*
7540-750	Level 3 CompTIA Network + (2009) (10 credits)	***7540-611***	*Implement and manage a network (10 Credits)*
7540-755	Level 3 CompTIA Security+ (2008) (10 credits)	***7540-612***	*Securing ICT systems and networks (9 Credits)*
7540-757	Level 3 CompTIA Server + (2009) (10 credits)	***7540-613***	*Install and configure a server (9 Credits)*
7540-776	Level 3 CompTIA and Linux Professional Institute Certification 102 (10 credits)	***7540-610***	*Level 3 Configure and manage Linux based operating systems (12 credits)*

2.4. 4520-03 Level 3 ICT Professional Competence

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
4520-186	Level 1 CompTIA Strata Fundamentals of IT Technology (10 Credits)	***4520-605***	*Fundamentals of IT technology (7 Credits)*
4520-187	Level 1 CompTIA Strata - Fundamentals of PC Functionality (10 Credits)	***4520-604***	*Practical fundamentals of ICT (9 Credits)*
4520-220	Level 2 Creating an object-oriented computer program using C++ (7 Credits)	***4520-226***	*Level 2 Creating an object-oriented computer program (7 Credits)*
4520-222	Level 2 Creating an event driven computer program using Visual Basic (7 Credits)	***4520-227***	*Level 2 Creating an event driven computer program (7 Credits)*
4520-223	Level 2 Creating an event driven computer program using Java (7 Credits)		
4520-224	Level 2 Creating an event driven computer program using C# (7 Credits)		
4520-225	Level 2 Creating an event driven computer program using VisualBasic.net (7 Credits)		
4520-229	Level 2 CompTIA A+ Essentials (2009) (10 Credits)	***4520-607***	*Level 2 ICT fundamentals (20 credits)* *(Cisco Essential is equivalent of CompTIA A+ and both are set at Level 2 – to achieve this unit the learner needs to be successful in either both parts of CompTIA A+ or the latest Cisco Essentials programme)*
4520-230	Level 2 CompTIA A+ Practical Application (10 Credits)		
4520-232	Level 2 CISCO IT Essentials Part 1 (10 Credits)		
4520-332	Level 3 CISCO IT Essentials Part 2 (10 Credits)		
4520-252	Level 2 MTA: Software Development Fundamentals (10 Credits)	***4520-620***	*Software development fundamentals*
4520-253	Level 2 MTA: Windows Development Fundamentals (10 Credits)	***4520-626***	*Windows development fundamental (8 Credits)*

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
4520-254	Level 2 MTA: Security Fundamentals (10 Credits)	***4520-625***	*IT security fundamentals (8 Credits)*
4520-255	Level 2 MTA: Networking Fundamentals (10 Credits)	***4520-624***	*Networking fundamentals (9 Credits)*
4520-256	Level 2 MTA: Windows Server Administration Fundamentals (10 Credits)	***4520-617***	*Fundamentals of Windows based server administration (10 Credits)*
4520-257	Level 2 MTA:Database Administration Fundamentals (10 Credits)	***4520-618***	*Fundamentals of Database administration (8 Credits)*
4520-258	Level 2 MTA:Web Development Fundamentals (10 Credits)	***4520-627***	*Web development fundamentals*
4520-320	Level 3 Creating an object-oriented computer program using C++ (12 Credits)	***4520-644***	*Level 3 Creating an object-oriented computer program*
4520-322	Level 3 Creating an event driven computer program using Visual Basic (12 Credits)	***4520-642***	*Level 3 Creating an event driven computer program*
4520-323	Level 3 Creating an object-oriented computer program - using Java (12 Credits)	***4520-644***	*Level 3 Creating an object-oriented computer program*
4520-324	Level 3 Creating an event driven software computer program - using VisualBasic.net (12 Credits)	***4520-642***	*Level 3 Creating an event driven computer program*
4520-325	Level 3 Creating an object-oriented computer program - using C# (12 Credits)	***4520-644***	*Level 3 Creating an object-oriented computer program*
4520-329	Level 3 CompTIA Network + (2009) (10 Credits)	***4520-611***	*Implement and manage a network (10 Credits)*
4520-330	Level 3 CompTIA Security + (2008) (10 Credits)	***4520-612***	*Securing ICT systems and networks (9 Credits)*
4520-331	Level 3 CompTIA Server + (2009) (10 Credits)	***4520-613***	*Install and configure a server (9 Credits)*
4520-399	Level 3 CompTIA and Linux Professional Institute Certification102 (10 Credits)	***4520-610***	*Configure and manage Linux based operating systems (12 Credits)*

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
4520-397	Level 3 Linux Professional Institute 201 (10 Credits)	***4520-608***	*Fundamentals of Linux based operating systems (7 Credits)*
4520-398	Level 3 Linux Professional Institute 202 (10 Credits)	***4520-610***	*Configure and manage Linux based operating systems (12 Credits)*

2.5. 7630-04 IT Systems and Principles

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
7630-308	Level 3 Cisco IT Essentials Part 2 (10 credits)	**-**	*Needs to be done with Level 2 Cisco Essentials – no equivalent in this product.*
7630-309	Level 3 CompTIA and Linux Professional Institute Certification 102 (10 credits)	***7630-610***	*Configure and manage Linux based operating systems (12 Credits)*
7630-310	Level 3 CompTIA Linux+ (9 credits)	***7630-608***	*Fundamentals of Linux based operating systems (7 Credits)*
7630-317	Level 3 Creating an event driven computer program using Visual Basic (12 credits)	***7630-642***	*Level 3 Creating an event driven computer program (12 Credits)*
7630-318	Level 3 Creating an event driven computer program using Visual basic.Net (12 credits)		
7630-320	Level 3 Creating an object-oriented computer program using C++ (12 credits)	***7630-319***	*Level 3 Creating an object-oriented computer program (12 Credits)*
7630-321	Level 3 Creating an object-oriented computer program using Java (12 credits)		
7630-336	Level 3 Linux Professional Institute 201 (10 credits)	***7630-608***	*Fundamentals of Linux based operating systems (7 Credits)*
7630-337	Level 3 Linux Professional Institute 202 (10 credits)	***7630-610***	*Configure and manage Linux based operating systems (12 Credits)*

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
7630-311	Level 3 CompTIA Network + (9 credits)	***4520-611***	*Implement and manage a network (10 Credits)*
7630-312	Level 3 CompTIA Security+ (9 credits)	***4520-612***	*Securing ICT systems and networks (9 Credits)*
7630-313	Level 3 CompTIA Server+ (9 credits)	***4520-613***	*Install and configure a server (9 Credits)*
7630-644	Level 3 Creating an object-oriented computer program (12 Credits)	***7630-319***	*Level 3 Creating an object-oriented computer program (12 credits)*

2.6. 4520-04 Level 4 ICT Professional Competence

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
4520-220	Level 2 Creating an object-oriented computer program using C++ (7 Credits)	***4520-226***	*Level 2 Creating an object-oriented computer program (7 Credits)*
4520-222	Level 2 Creating an event driven computer program using Visual Basic (7 Credits)	***4520-227***	*Level 2 Creating an event driven computer program (7 Credits)*
4520-223	Level 2 Creating an event driven computer program using Java (7 Credits)		
4520-224	Level 2 Creating an event driven computer program using C# (7 Credits)		
4520-225	Level 2 Creating an event driven computer program using VisualBasic.net (7 Credits)		
4520-229	Level 2 CompTIA A+ Essentials (2009) (10 Credits)	***4520-607***	*Level 2 ICT fundamentals (20 credits)* *(Cisco Essential is equivalent of CompTIA A+ and both are set at Level 2 – to achieve this unit the learner needs to be successful in either both parts of CompTIA A+ or the latest Cisco Essentials programme)*
4520-230	Level 2 CompTIA A+ Practical Application (10 Credits)		

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
4520-232	Level 2 CISCO IT Essentials Part 1 (10 Credits)	***4520-607***	*Level 2 ICT fundamentals (20 credits)* *(Cisco Essential is equivalent of CompTIA A+ and both are set at Level 2 – to achieve this unit the learner needs to be successful in either both parts of CompTIA A+ or the latest Cisco Essentials programme)*
4520-332	Level 3 CISCO IT Essentials Part 2 (10 Credits)		
4520-320	Level 3 Creating an object-oriented computer program using C++ (12 Credits)	***4520-644***	*Level 3 Creating an object-oriented computer program*
4520-322	Level 3 Creating an event driven computer program using Visual Basic (12 Credits)	***4520-642***	*Level 3 Creating an event driven computer program*
4520-323	Level 3 Creating an object-oriented computer program - using Java (12 Credits)	***4520-644***	*Level 3 Creating an object-oriented computer program*
4520-324	Level 3 Creating an event driven software computer program - using VisualBasic.net (12 Credits)	***4520-642***	*Level 3 Creating an event driven computer program*
4520-325	Level 3 Creating an object-oriented computer program - using C# (12 Credits)	***4520-644***	*Level 3 Creating an object-oriented computer program*
4520-643	Level 3 Creating a procedural computer program (12 credits)	***4520-321***	*Level 3 Creating a procedural computer program (12 credits)*
4520-329	Level 3 CompTIA Network + (2009) (10 Credits)	***4520-611***	*Implement and manage a network (10 Credits)*
4520-330	Level 3 CompTIA Security + (2008) (10 Credits)	***4520-612***	*Securing ICT systems and networks (9 Credits)*
4520-331	Level 3 CompTIA Server + (2009) (10 Credits)	***4520-613***	*Install and configure a server (9 Credits)*
4520-422	Level 4 Designing and developing event driven computer programs using Visual Basic (15 Credits)	***4520-420***	*Level 4 Designing and developing event driven computer programs (15 Credits)*
4520-423	Level 4 Designing and developing object-oriented computer programs using Java (15 Credits)	***4520-453***	*Level 4 Designing and developing object-oriented computer programs (15 credits)*
4520-424	Level 4 Designing and developing event driven computer programs using VisualBasic.net (15 Credits)	***4520-420***	*Level 4 Designing and developing event driven computer programs (15 Credits)*

Unit number	Original Unit Title	Unit number	Replacement/Alternative Unit Title
4520-425	Level 4 Designing and developing object-oriented computer programs using C# (15 Credits)	***4520-453***	*Level 4 Designing and developing object-oriented computer programs (15 credits)*
4520-452	Level 4 Designing and developing event driven computer programs using Visual Basic (15 credits)	***4520-420***	*Level 4 Designing and developing event driven computer programs (15 Credits)*

3. Vendor Alike Units

3.1. Rationale for development

City & Guilds provide several units, in conjunction with Vendors including Microsoft, CompTIA and Cisco, to make the delivery of IT Professional qualifications (7540, 7630 and 4520) more flexible.

The units have had vendor specific terminology removed to allow us to take the lates replacements and alternatives from the same or other vendors. Learners who are unable to complete the vendor exams, have the option to provide evidence through portfolio to achieve the units but benefit from the industry recognised learning. The advantages of these units:

- Improved chances of achievement for the whole qualification
- Reduced the need to purchase resits for vendor exams
- Will avoid confusion over which version to use

3.1.1. Cisco

<table>
<tr><th>Unit no.</th><th colspan="2">Vendor title</th><th>City & Guilds title</th><th>Level</th><th>Credit</th><th>GLH</th></tr>
<tr><td>4520-600
7630-600
7540-645</td><td colspan="2">Introduction to networks V6/V7</td><td>Introduction to networks</td><td>3</td><td>17</td><td>83</td></tr>
<tr><td>4520-601
7630-601
7540-646</td><td colspan="2">Connecting networks V6/V7</td><td>Routing and switching essentials</td><td>4</td><td>27</td><td>143</td></tr>
<tr><td>4520-602
7630-602
7540-647</td><td>Scaling networks V6</td><td rowspan="2">CCNA Module 3 (V7)</td><td>Scaling networks</td><td>3</td><td>15</td><td>73</td></tr>
<tr><td>4520-603
7630-603
7540-648</td><td>Routing and switching essentials V6</td><td>Connecting networks</td><td>3</td><td>18</td><td>91</td></tr>
<tr><td>4520-607
7630-607
7540-607</td><td colspan="2">IT Essentials</td><td>ICT fundamentals</td><td>2</td><td>20</td><td>111</td></tr>
</table>

3.1.2. CompTIA – same unit numbers in 7540, 4520 and 7630

Unit no.	Vendor title	City & Guilds title	Level	Credit	GLH
604	Strata Functionality	Practical fundamentals of ICT	1	9	49
605	Strata Technology	Fundamentals of IT technology	1	7	38
606	Cloud Essentials	Principles and concepts of Cloud computing	2	8	40
607	CompTIA A+ (1 & 2)	ICT fundamentals	2	20	111
608	Linux Exam 1	Fundamentals of Linux based operating systems	3	7	40
609	Cloud +	Implementing and maintaining Cloud technologies and infrastructure	3	10	50
610	Linux Exam 2	Configure and manage Linux based operating systems	3	12	71
611	Network +	Implement and manage a network	3	10	58
612	Security +	Securing ICT systems and networks	3	9	51
613	Server +	Install and configure a server	3	9	48
614	Mobility+	Implement and manage a mobile computing environment	3	8	47
615	Mobile App Security iOS	Developing security for mobile apps on iOS	3	14	77
616	Mobile App Security Android	Developing security for mobile apps on Android	3	13	73

3.1.3. Microsoft units – same unit numbers in 7540, 4520 and 7630

Unit no.	Vendor title	City & Guilds title	Level	Credit	GLH
617	Windows Server Administration Fundamentals (365)	Fundamentals of Windows based server administration	2	10	55
618	Database Administration fundamental (364)	Fundamentals of Database administration	2	8	40
619	Windows operating system fundamental	Fundamentals of Windows based operating systems	2	8	42

Unit no.	Vendor title	City & Guilds title	Level	Credit	GLH
620	Software development fundamentals (361)	Software development fundamentals	2	10	61
621	Gaming development fundamentals (374)	Gaming development fundamentals	2	8	45
622	HTML5 application development fundamentals (375)	HTML5 application development fundamentals	2	8	41
623	Software testing fundamentals (379)	Software testing fundamentals	2	8	39
624	Networking fundamentals (366)	Networking fundamentals	2	9	47
625	Security fundamentals (367)	IT security fundamentals	2	8	43
626	Windows development fundamentals (362)	Windows development fundamentals	2	8	38
627	Web development fundamentals (363)	Web development fundamentals	2	8	43
628	NET fundamentals (372)	.NET fundamentals	2	9	49
629	Mobile development fundamentals (373)	Mobile development fundamentals	2	8	41
630	Administering Microsoft SQL server 2012 databases (462)	Administering server databases	3	12	48
631	MS Administering Windows Server 2012 (410)	Administering a Windows based server	3	11	50
632	Configuring advanced windows server 2012 server services (412)	Configuring advanced Windows server services	3	12	52
633	MS Configuring a Windows 8 (687) OR MS Configuring Windows Devices (697)	Configuring Windows based systems	3	12	47
634	MS Installing and Configuring Windows Server 2012 (410)	Installing and configuring Windows based servers	3	11	57
635	Programming in HTML5 with JavaScript and CSS3	Programming in HTML5 with JavaScript and CSS3	3	11	43

Unit no.	Vendor title	City & Guilds title	Level	Credit	GLH
636	Implementing a Data Warehouse with Microsoft SQL Server 2012 (463)	Implementing a Windows based data warehouse	3	10	41
637	MS Managing and maintaining a Windows 8 (688)	Managing a Windows based system	3	11	49
638	MS Implementing a Desktop Infrastructure (415)	Designing and implementing a Windows desktop infrastructure	4	13	56
639	MS Implementing Desktop Application Environments (416)	Implementing Windows Desktop application environments	4	12	50
640	Core Solutions of Microsoft Exchange Server 2013 (341)	Supporting Microsoft Exchange Server solutions	4	12	52
641	MS Designing and Implementing a Server Infrastructure (413)	Designing and implementing a Windows server infrastructure	4	13	54

3.1.4. Huawei

Unit no.	Vendor title	City & Guilds title	Level	Credit	GLH
4520-600 **7630-600** **7540-645**	HCIA Routing + Switching	Introduction to networks	3	17	83
4520-601 **7630-601** **7540-646**		Routing and switching essentials	4	27	143
4520-602 **7630-602** **7540-647**		Scaling networks	3	15	73
4520-603 **7630-603** **7540-648**		Connecting networks	3	18	91

3.1.5. Juniper

Unit no.	Vendor title	City & Guilds title	Level	Credit	GLH
4520-600 **7630-600** **7540-645**	Juniper JNCIA – Junos (Enterprise R+S or Service Provider)	Introduction to networks	3	17	83
4520-601 **7630-601** **7540-646**		Routing and switching essentials	4	27	143
4520-602 **7630-602** **7540-647**		Scaling networks	3	15	73
4520-603 **7630-603** **7540-648**		Connecting networks	3	18	91

4. Summary

To bring our IT Professional qualifications up to date and prepare them to allow for the development of pathway certification in various parts of the UK, City & Guilds undertook a review of the 7540, 7630 and 4520 product range.

We have removed named Vendor products that no longer exist but are maintaining our Vendor Alike units to ensure that training providers can still make use of the latest offerings from a wide range of organisation and not just the 3 main ones of Cisco, CompTIA and Microsoft.

It was clear that the programming units with named languages were restrictive if training providers wished to offer anything not listed as a unit. These have been replaced with generic units to allow the selection of the most appropriate programming methodology and language for the local need.

It was also clear that some units were in one level of a qualification, but not in the one above or below, and in one case a couple of lower-level unis only appeared in the higher level. This has now been rectified and the qualifications are more inline from level to level.

Finally, as the need for information or cyber security programmes has grown, City & Guilds have added a range of units allow for either pure information/cyber security course or for providers to add a relevant unit to a network, software, web development or telecoms programme they already have in place.

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About City & Guilds

Since 1878, City & Guilds has been dedicated to advancing the skills that people, organisations and societies need to thrive, both now and in the future.

As the global skills partner, we empower organisations to grow by creating and delivering comprehensive end-to-end solutions. These include high-quality skills training and credentials designed to meet the evolving needs of industries and workforces. Through our trusted network of colleges and training provider partners, learners across the globe develop skills and competencies that lead to employment and career progression.

Each year, over 5.1 million learners of all ages and backgrounds benefit from City & Guilds learning programmes, which have contributed £15.3bn to society in the UK alone. We champion workforce development and technical training routes that drive social mobility, prosperity, and success. By working closely with industries and governments, we also advocate for improvements across the global skills landscape.

Our City & Guilds Foundation amplifies this purpose by focusing on highimpact social investment, recognition, and advocacy programmes. These initiatives aim to remove barriers to employment, celebrate best practice on the job, and advocate for jobs of the future.

City & Guilds Training, Gen2, Intertrain, ILM, Kineo and The Oxford Group brands are all a part of City & Guilds.

For further information please visit cityandguilds.com/about-us

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