

Cambridge TECHNICALS LEVEL 2

Cambridge
TECHNICALS
2016

IT

MAPPING GUIDE

Version 1



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INTRODUCTION

This document lists the current Cambridge Technicals Units and Learning Outcomes (LO) and maps them to the new Cambridge Technicals Units and Learning Outcomes so that you can see where each learning outcome has remained, changed, moved or been removed.

We've also identified where the 2012 BTEC units map to the Cambridge Technicals 2016 units.

IT

The Cambridge Technicals in IT have been developed to meet the changing needs of the sector, and prepare your students for the challenges they'll face in Further Education or employment. Designed in collaboration with experts spanning the breadth of the sector, the Cambridge Technicals in IT focuses on the skills, knowledge and understanding that today's universities and employers demand. Your students will practically apply their skills and knowledge in preparation for further study or the workplace.

The Award qualification provides an introduction to the IT sector and students will use the Award as a stepping stone into employment or further study.

When developing the Certificate qualification we worked with organisations within the IT care sector to design the content and assessment of this qualification – ensuring that your learners are prepared and have the skills to progress to Further Education or employment.

The Diploma qualification has three vocational pathways that can be followed (at least one pathway must be achieved). Each pathway focuses on industry sectors and job roles that your learners will actually be able to do having completed a Cambridge Technical. We've worked in partnership with industry to make sure your learners can progress directly into the sector in job roles that are appropriate for their age and experience.

TEACHING AND LEARNING RESOURCES

New resources are being developed to support your teaching of this new qualification. These will include Pathway Delivery Guides, a Qualifications Calculator and a Progress Tracker.

To find out more about this qualification please go to: <http://www.ocr.org.uk/qualifications/vocational-education-and-skills/cambridge-technicals-it-level-2-2016-suite/>

2016 Level 2 Cambridge Technicals Suite

- **New suite for first teaching September 2017**
- **Externally assessed content**
- **Student focused internal assessment rules**
- **Eligible for Key Stage 5 performance points from 2019**
- **OCR visiting moderation providing centre feedback and support**
- **Designed to meet the DfE technical guidance**

Cambridge
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2016

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units						
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 1 Communicating in the IT industry LO1 Be able to communicate information to suit audience purpose and content	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO5 Know about the benefits of using IT in business (Externally assessed) (BTEC Unit 1)	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 1)	Unit 6 Participating in a project LO2 Be able to contribute to a project (Internally assessed) (BTEC Unit 1)	Unit 7 Pitching the product LO2 Be able to pitch products to internal stakeholders (Internally assessed) (BTEC Unit 1)	Unit 8 Using emerging technologies LO2 Be able to explore how emerging technologies can support business needs (Internally assessed) (BTEC Unit 1)	Unit 13 Creating website LO3 Be able to create or modify components of websites to meet business needs LO4 Be able to update websites to meet business needs (Internally assessed) (BTEC Unit 1)	Unit 16 Using social media channels for business LO1 Know the social media channels used in business LO3 Be able to create content for social media channels to meet business needs (Internally assessed) (BTEC Unit 1)
LO2 Be able to use IT tools to communicate and exchange information		Unit 1 Essentials of IT LO1 Know about hardware components LO2 Know about software components LO4 Know about the use of the World Wide Web (WWW) LO5 Know about the benefits of using IT in business (Externally assessed) (BTEC Unit 1)	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 1)	Unit 5 Creating business solutions LO3 Be able to present business solutions to stakeholders (Internally assessed) (BTEC Unit 1)	Unit 6 Participating in a project LO2 Be able to contribute to a project (Internally assessed) (BTEC Unit 1)	Unit 7 Pitching the product LO1 Know the communication methods used to pitch a product to internal stakeholders (Internally assessed) (BTEC Unit 1)	Unit 16 Using social media channels for business LO2 Be able to select social media channels to meet a business need (Internally assessed) (BTEC Unit 1)	

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units						
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
<p>LO3 Understand the impact of IT on individuals, communities and society</p>	<p>This LO is no longer stand-alone and has been divided and is now in multiple LOs</p>	<p>Unit 1 Essentials of IT</p> <p>LO4 Know about the use of the World Wide Web (WWW)</p> <p>LO5 Know about the benefits of using IT in business</p> <p>(Externally assessed)</p> <p>(BTEC Unit 1)</p>	<p>Unit 2 Essentials of cyber security</p> <p>LO1 Know about aspects of cyber security</p> <p>LO2 Understand the threats and vulnerabilities that can result in cyber security attack</p> <p>LO3 Understand how organisations/ individuals can minimise impacts from cyber security incidents</p> <p>(Externally assessed)</p> <p>(BTEC Unit 1)</p>	<p>Unit 8 Using emerging technologies</p> <p>LO3 Be able to reflect on impacts of emerging technologies</p> <p>(Internally assessed)</p> <p>(BTEC Unit 1)</p>				

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 2 Working in the IT industry LO1 Know the characteristics that are valued by employers in the IT industry	This LO is not in any of the new Technicals units					
LO2 Know the common job roles undertaken by people working in the IT industry	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 3 Building IT systems LO1 Understand the role of IT technical support (Internally assessed) (BTEC Unit 2)	Unit 4 Creating programming solutions for business LO1 Understand the role of software practitioners (Internally assessed) (BTEC Unit 2)	Unit 5 Creating business solutions LO1 Understand the role of the digital business practitioner (Internally assessed) (BTEC Unit 2)	Unit 6 Participating in a project LO1 Know about individual roles within project teams (Internally assessed) (BTEC Unit 2)	Unit 9 Pitching the product LO1 Understand how organisations use IT support (Internally assessed) (BTEC Unit 2)

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 3 Business IT skills LO1 Understand the requirements for solving business problems	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essential of IT LO5 Know about the benefits of using IT in business (Externally assessed) (BTEC Unit 4)	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs (Internally assessed) (BTEC Unit 4)	Unit 5 Creating business solutions LO2 Be able to design solutions to meet business needs (Internally assessed) (BTEC Unit 4)	Unit 8 Using emerging technologies LO2 Be able to explore how emerging technologies can support business needs (Internally assessed) (BTEC Unit 4)	
LO2 Know how to find information to support business solutions	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs (Internally assessed) (BTEC Unit 4)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 4)	Unit 8 Using emerging technologies LO2 Be able to explore how emerging technologies can support business needs (Internally assessed) (BTEC Unit 4)		
LO3 Be able to use spreadsheet models to support business solutions	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essential of IT LO2 Know about software components LO5 Know about the benefits of using IT in business (Externally assessed) (BTEC Unit 4)	Unit 5 Creating business solutions LO2 Be able to design solutions to meet business needs LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 4)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 4)		

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO4 Be able to present business solutions	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essential of IT LO5 Know about the benefits of using IT in business (Externally assessed) (BTEC Unit 4)	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs (Internally assessed) (BTEC Unit 4)	Unit 5 Creating business solutions LO3 Be able to present business solutions to stakeholders (Internally assessed) (BTEC Unit 4)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 4)	Unit 8 Using emerging technology LO2 Be able to explore how emerging technologies can support business needs (Internally assessed) (BTEC Unit 4)
LO5 Be able to evaluate business solutions	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 3 Building IT systems LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 4)	Unit 5 Creating business solutions LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 4)			

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
<p>Unit 4 Installing computer hardware</p> <p>LO1 Know the reasons for and implications of installing hardware components</p>	<p>This LO is no longer stand-alone and has been divided and is now in multiple LOs</p>	<p>Unit 1 Essentials of IT</p> <p>LO1 Know about hardware components (Externally assessed) (BTEC Unit 7)</p>	<p>Unit 3 Building IT systems</p> <p>LO3 Be able to select the components for the designed IT systems LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 7)</p>	<p>Unit 6 Participating in a project</p> <p>LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 7)</p>	<p>Unit 11 IT hardware installation and upgrade</p> <p>LO1 Know the reasons for installing and upgrading hardware (Internally assessed) (BTEC Unit 7)</p>	
<p>LO2 Understand risks involved and precautions needed when installing hardware components</p>	<p>This LO is no longer stand-alone and has been divided and is now in multiple LOs</p>	<p>Unit 1 Essentials of IT</p> <p>LO3 Know how to install and upgrade hardware and software (Externally assessed) (BTEC Unit 7)</p>	<p>Unit 3 Building IT systems</p> <p>LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 7)</p>	<p>Unit 6 Participating in a project</p> <p>LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 7)</p>	<p>Unit 11 IT hardware installation and upgrade</p> <p>LO1 Know the reasons for installing and upgrading hardware LO2 Be able to prepare for IT hardware installation and upgrade (Internally assessed) (BTEC Unit 7)</p>	

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO3 Be able to install and test hardware components	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essential of IT LO3 Know how to install and upgrade hardware and software (Externally assessed) (BTEC Unit 7)	Unit 3 Building IT systems LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 7)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 7)	Unit 9 Supporting IT functions LO2 Be able to diagnose hardware faults LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 7)	Unit 11 IT hardware installation and upgrade LO3 Be able to install and upgrade IT hardware (Internally assessed) (BTEC Unit 7)
LO4 Be able to document an installation or upgrade	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essential of IT LO3 Know how to install and upgrade hardware and software (Externally assessed) (BTEC Unit 7)	Unit 3 Building IT systems LO4 Be able to design IT systems to meet business needs (Internally assessed) (BTEC Unit 7)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 7)	Unit 9 Supporting IT functions LO2 Be able to diagnose hardware faults LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 7)	Unit 11 IT hardware installation and upgrade LO2 Be able to prepare for IT hardware installation and upgrade LO3 Be able to install and upgrade IT hardware (Internally assessed) (BTEC Unit 7)

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 5 Installing computer software LO1 Know software installation processes	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO3 Know how to install and upgrade hardware and software (Externally assessed) (BTEC Unit 8)	Unit 3 Building IT systems LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 8)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 8)	Unit 10 IT software installation and upgrade LO2 Be able to prepare for IT software installation and upgrade (Internally assessed) (BTEC Unit 8)	
LO2 Be able to prepare for software installation	This LO is exactly the same as in the new Technicals BUT DOES NOT have the same title	Unit 1 Essentials of IT LO3 Know how to install and upgrade hardware and software (Externally assessed) (BTEC Unit 8)	Unit 3 Building IT systems LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 8)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 8)	Unit 10 IT software installation and upgrade LO2 Be able to prepare for IT software installation and upgrade (Internally assessed) (BTEC Unit 8)	
LO3 Be able to install and configure software	This LO is exactly the same as in the new Technicals BUT DOES NOT have the same title	Unit 1 Essential of IT LO3 Know how to install and upgrade hardware and software (Externally assessed) (BTEC Unit 8)	Unit 3 Building IT systems LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 8)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 8)	Unit 9 Supporting IT functions LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 8)	Unit 10 IT software installation and upgrade LO3 Be able to install and upgrade IT software (Internally assessed) (BTEC Unit 8)

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO4 Be able to test and document software installation	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essential of IT LO3 Know how to install and upgrade hardware and software (Externally assessed) (BTEC Unit 7)	Unit 3 Building IT systems LO4 Be able to design IT systems to meet business needs (Internally assessed) (BTEC Unit 7)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 7)	Unit 9 Supporting IT functions LO3 Be able to diagnose software faults LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 7)	Unit 10 IT software installation and upgrade LO2 Be able to prepare for IT software installation and upgrade LO3 Be able to install and upgrade IT software (Internally assessed) (BTEC Unit 7)

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 6 Setting up an IT network LO1 Know the current use of computer networks	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO1 Know about hardware components (Externally assessed) (BTEC Unit 10)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 10)			
LO2 Know the features and services of local and wide area network technologies	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO1 Know about hardware components (Externally assessed) (BTEC Unit 10)	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 10)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 10)	Unit 12 Creating a computer network LO2 Be able to prepare for the installation of computer networks to meet business needs LO3 Be able to create computer networks to meet business needs LO4 Be able to secure computer networks to meet business needs (Internally assessed) (BTEC Unit 10)	

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO3 Understand how network hardware and software components are connected	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essential of IT LO1 Know about hardware components (Externally assessed) (BTEC Unit 10)	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 10)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 8)	Unit 11 IT hardware installation and upgrade LO2 Be able to prepare for IT hardware installation and upgrade LO3 Be able to install and upgrade IT hardware (Internally assessed) (BTEC Unit 10)	Unit 12 Creating a computer network LO2 Be able to prepare for the installation of computer networks to meet business needs LO3 Be able to create computer networks to meet business needs (Internally assessed) (BTEC Unit 10)
LO4 Be able to set up a simple local area network	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 3 Build IT systems LO2 Be able to design IT systems to meet business needs LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 10)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 10)	Unit 9 Supporting IT functions LO2 Be able to diagnose hardware faults LO3 Be able to diagnose software faults LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 10)	Unit 11 IT hardware installation and upgrade LO2 Be able to prepare for IT hardware installation and upgrade LO3 Be able to install and upgrade IT hardware (Internally assessed) (BTEC Unit 10)	Unit 12 Creating a computer network LO3 Be able to create computer networks to meet business needs LO4 Be able to secure computer networks to meet business needs (Internally assessed) (BTEC Unit 10)

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 7 IT support LO1 Know the common issues IT users may experience	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO1 Know about hardware components (Externally assessed) (BTEC Unit 12)	Unit 2 Global information LO1 Know about aspects of cyber security LO2 Understand the threats and vulnerabilities that can result in cyber security attack LO3 Understand how organisations/individuals can minimise impacts from cyber security incidents (BTEC Unit 12)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 12)	Unit 9 Product development LO2 Be able to diagnose hardware faults LO3 Be able to diagnose software faults LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 12)	
LO2 Be able to record user support requests	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 12)	Unit 9 Product development LO2 Be able to diagnose hardware faults LO3 Be able to diagnose software faults LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 12)			

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO3 Be able to provide IT support	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 12)	Unit 9 Product development LO2 Be able to diagnose hardware faults LO3 Be able to diagnose software faults LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 12)			
LO4 Understand the importance of trends in IT support requests	This LO is not in any of the new Technicals units					

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
<p>Unit 8 IT fault diagnosis and remedy</p> <p>LO1 Understand the procedures used in the IT diagnostics process</p>	<p>This LO is no longer stand-alone and has been divided and is now in multiple LOs</p>	<p>Unit 1 Essentials of IT</p> <p>LO1 Know about hardware components</p> <p>LO2 Know about software components</p> <p>LO3 Know how to install and upgrade hardware and software</p> <p>(Externally assessed)</p> <p>(BTEC Unit 13)</p>	<p>Unit 9 Product development</p> <p>LO2 Be able to diagnose hardware faults</p> <p>LO3 Be able to diagnose software faults</p> <p>LO4 Be able to recommend maintenance activities</p> <p>(Internally assessed)</p> <p>(BTEC Unit 13)</p>			
<p>LO2 Be able to identify the cause of common faults</p>	<p>This LO is no longer stand-alone and has been divided and is now in multiple LOs</p>	<p>Unit 1 Essentials of IT</p> <p>LO1 Know about hardware components</p> <p>LO2 Know about software components</p> <p>(Externally assessed)</p> <p>(BTEC Unit 13)</p>	<p>Unit 2 Essentials of cyber security</p> <p>LO1 Know about aspects of cyber security</p> <p>LO2 Understand the threats and vulnerabilities that can result in cyber security attack</p> <p>LO3 Understand how organisations/individuals can minimise impacts from cyber security incidents</p> <p>(Externally assessed)</p> <p>(BTEC Unit 13)</p>	<p>Unit 6 Participating in a project</p> <p>LO2 Be able to contribute to projects</p> <p>(Internally assessed)</p> <p>(BTEC Unit 13)</p>	<p>Unit 9 Product development</p> <p>LO2 Be able to diagnose hardware faults</p> <p>LO3 Be able to diagnose software faults</p> <p>LO4 Be able to recommend maintenance activities</p> <p>(Internally assessed)</p> <p>(BTEC Unit 13)</p>	

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO3 Be able to apply suitable remedies to identified faults	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 13)	Unit 9 Product development LO2 Be able to diagnose hardware faults LO3 Be able to diagnose software faults LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 13)			

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 9 Website development LO1 Know web architecture and components	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs (Internally assessed) (BTEC Unit 17)				
LO2 Understand how websites can be used by organisations	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO4 Know about the use of the Word Wide Web (WWW) (Externally assessed) (BTEC Unit 17)	Unit 13 Creating websites LO1 Know how websites are used by organisations (Internally assessed) (BTEC Unit 17)			
LO3 Be able to design website components	This LO is not in any of the new Technicals units					
LO4 Be able to create website components	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 17)	Unit 13 Creating websites LO3 Be able to create or modify components of websites to meet business needs (Internally assessed) (BTEC Unit 17)			

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
<p>Unit 10 Computer graphics</p> <p>LO1 Know the hardware and software required to work with computer graphics</p>	<p>This LO is no longer stand-alone and has been divided and is now in multiple LOs</p>	<p>Unit 1 Essentials of IT</p> <p>LO1 Know about hardware components</p> <p>LO2 Know about software components</p> <p>LO5 Know about the benefits of using IT in business</p> <p>(Externally assessed)</p> <p>(BTEC Unit 23)</p>	<p>Unit 3 Building IT systems</p> <p>LO2 Be able to design IT systems to meet business needs</p> <p>LO3 Be able to select the components for the designed IT systems</p> <p>(Internally assessed)</p> <p>(BTEC Unit 23)</p>	<p>Unit 6 Participating in a project</p> <p>LO2 Be able to contribute to projects</p> <p>(Internally assessed)</p> <p>(BTEC Unit 23)</p>		
<p>LO2 Be able to create computer graphics to meet a user need</p>	<p>This LO is no longer stand-alone and has been divided and is now in multiple LOs</p>	<p>Unit 5 Creating business solutions</p> <p>LO2 Be able to design solutions to meet business needs</p> <p>LO3 Be able to present business solutions to stakeholders</p> <p>LO4 Be able to use IT applications to meet business needs</p> <p>(Internally assessed)</p> <p>(BTEC Unit 23)</p>	<p>Unit 6 Participating in a project</p> <p>LO2 Be able to contribute to projects</p> <p>(Internally assessed)</p> <p>(BTEC Unit 23)</p>			

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO3 Be able to use computer graphics to enhance a document	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO2 Be able to design solutions to meet business needs LO3 Be able to present business solutions to stakeholders LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 23)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 23)			

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 11 Multimedia design LO1 Understand different types of digital media	This LO is not in any of the new Technicals units					
LO2 Be able to design multimedia products	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO2 Be able to design solutions to meet business needs (Internally assessed) (BTEC Unit 28)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 28)			
LO3 Be able to develop multimedia products	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO3 Be able to present business solutions to stakeholders LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 28)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 28)			

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO4 Be able to present and review multimedia products	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO3 Be able to present business solutions to stakeholders LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 28)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 28)			

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 12 Presenting information using IT LO1 Understand the purpose of different document types	This LO is not in any of the new Technicals units					
LO2 Know appropriate software to present and communicate information	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essential of IT LO2 Know about software components LO4 Know about the use of the World Wide Web (WWW) LO5 Know about the benefits of using IT in business (BTEC Unit 29)	Unit 5 Creating business solutions LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 29)	Unit 16 Using social media channels for business LO2 Be able to select social media channels to meet a business need (Internally assessed) (BTEC Unit 29)	Unit 17 Using data analysis software LO1 Understand the data used by business LO2 Be able to select software to analyse data for business purposes (Internally assessed) (BTEC Unit 29)	Unit 18 Creating visual business products LO1 Know about creating visual products for business LO2 Be able to select software and hardware for creating visual products for business needs (Internally assessed) (BTEC Unit 29)

Cambridge Technicals in IT 2012 units	Cambridge Technicals in IT 2016 units					
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO3 Be able to produce appropriate documents for different audiences	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO2 Be able to present business solutions to stakeholders LO3 Be able to present business solutions to stakeholders LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 29)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 29)	Unit 16 Using social media channels for business LO3 Be able to create content for social media channels to meet business needs (Internally assessed) (BTEC Unit 29)	Unit 17 Using data analysis software LO1 Understand the data used by business LO4 Be able to present the results of data analysis to a client (Internally assessed) (BTEC Unit 29)	Unit 18 Creating visual business products LO3 Be able to create visual products to meet business needs LO4 Be able to improve visual products to meet business needs (Internally assessed) (BTEC Unit 29)
LO4 Be able to review documents	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO3 Be able to present business solutions to stakeholders LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 29)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 29)	Unit 16 Using social media channels for business LO3 Be able to create content for social media channels to meet business needs (Internally assessed) (BTEC Unit 29)	Unit 18 Creating visual business products LO4 Be able to improve visual products to meet business needs (Internally assessed) (BTEC Unit 29)	

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
<p>Unit 13 Interactive media production</p> <p>LO1 Know about the elements of interactive media production</p>	<p>This LO is not in any of the new Technicals units</p>					
<p>LO2 Be able to develop ideas for an interactive media product</p>	<p>This LO is no longer stand-alone and has been divided and is now in multiple LOs</p>	<p>Unit 5 Creating business solutions</p> <p>LO2 Be able to design solutions to meet business needs</p> <p>LO3 Be able to present business solutions to stakeholders</p> <p>LO4 Be able to use IT applications to meet business needs</p> <p>(Internally assessed)</p> <p>(BTEC Unit 31)</p>	<p>Unit 6 Participating in a project</p> <p>LO2 Be able to contribute to projects</p> <p>(Internally assessed)</p> <p>(BTEC Unit 31)</p>	<p>Unit 18 Creating visual business products</p> <p>LO1 Know about creating visual products for business</p> <p>LO2 Be able to select software and hardware for creating visual products for business needs</p> <p>(Internally assessed)</p> <p>(BTEC Unit 29)</p>		

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO3 Be able to create an interactive media product	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO3 Be able to present business solutions to stakeholders LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 31)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 31)	Unit 18 Creating visual business products LO3 Be able to create visual products to meet business needs LO4 Be able to improve visual products to meet business needs (Internally assessed) (BTEC Unit 31)		
LO4 Be able to review own interactive media production work	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO3 Be able to present business solutions to stakeholders LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 31)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 31)	Unit 16 Using social media channels for business LO3 Be able to create content for social media channels to meet business needs (Internally assessed) (BTEC Unit 31)	Unit 18 Creating visual business products LO4 Be able to improve visual products to meet business needs (Internally assessed) (BTEC Unit 31)	

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 14 Computer systems LO1 Know the common components of computer systems	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO1 Know about hardware components (Externally assessed) (BTEC Unit 3)	Unit 3 Building IT systems LO3 Be able to select the components for the designed IT systems (Internally assessed) (BTEC Unit 3)			
LO2 Know the different uses of computer systems	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO5 Know about the benefits of using IT in business (Externally assessed) (BTEC Unit 3)	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs (Internally assessed) (BTEC Unit 3)	Unit 10 IT software installation and upgrade LO1 Know the reasons for installing and upgrading IT software (Internally assessed) (BTEC Unit 3)	Unit 11 IT hardware installation and upgrade LO1 Know the reasons for installing and upgrading IT hardware (Internally assessed) (BTEC Unit 3)	
LO3 Be able to connect computer hardware	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO3 Know how to install and upgrade hardware and software (Externally assessed) (BTEC Unit 3)	Unit 3 Building IT systems LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 3)	Unit 9 Supporting IT functions LO2 Be able to diagnose hardware faults (Internally assessed) (BTEC Unit 3)	Unit 11 IT hardware installation and upgrade LO3 Be able to install and upgrade IT hardware (Internally assessed) (BTEC Unit 3)	

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO4 Be able to configure computer systems	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO3 Know how to install and upgrade hardware and software (Externally assessed) (BTEC Unit 3)	Unit 3 Building IT systems LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 3)	Unit 9 Supporting IT functions LO2 Be able to diagnose hardware faults LO3 Be able to diagnose software faults LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 3)	Unit 10 IT software installation and upgrade LO3 Be able to install and upgrade IT software (Internally assessed) (BTEC Unit 3)	Unit 11 IT hardware installation and upgrade LO3 Be able to install and upgrade IT hardware (Internally assessed) (BTEC Unit 3)

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 15 Supporting organisations with IT LO1 Know the ways in which organisations use IT	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO2 Know about software components LO4 Know about the use of the World Wide Web (WWW) LO5 Know about the benefits of using IT in business (Externally assessed) (BTEC Unit 5)	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs (Internally assessed) (BTEC Unit 5)	Unit 5 Creating programming solutions for business LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 5)	Unit 8 Using emerging technologies LO2 Be able to explore how emerging technologies can support business needs (Internally assessed) (BTEC Unit 5)	Unit 16 Using social media channels for business LO2 Be able to select social media channels to meet a business need (Internally assessed) (BTEC Unit 5)
LO2 Understand the reasons why organisations use IT		Unit 1 Essentials of IT LO2 Know about software components LO4 Know about the use of the World Wide Web (WWW) LO5 Know about the benefits of using IT in business (Externally assessed) (BTEC Unit 5)	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs (Internally assessed) (BTEC Unit 5)	Unit 8 Using emerging technologies LO2 Be able to explore how emerging technologies can support business needs (Internally assessed) (BTEC Unit 5)	Unit 14 Creating mobile applications for business LO1 Know the uses of mobile applications within business environments (Internally assessed) (BTEC Unit 5)	Unit 16 Using social media channels for business LO1 Know the social media channels used in business (Internally assessed) (BTEC Unit 5)

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO3 Understand the impact of IT on individuals and organisations	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO1 Know about hardware components LO2 Know about software components LO3 Know how to install and upgrade hardware and software (Externally assessed) (BTEC Unit 5)	Unit 8 Using emerging technologies LO3 Be able to reflect on impacts of emerging technologies (Internally assessed) (BTEC Unit 5)			
LO4 Be able to plan a working environment to incorporate IT	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO5 Know about the benefits of using IT in business (Externally assessed) (BTEC Unit 5)	Unit 3 Building IT systems LO2, Be able to design IT systems to meet business needs (Internally assessed) (BTEC Unit 5)			

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Other comments	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 16 Project planning using IT LO1 Know how to prepare for a project	This LO is not in any of the new Technicals units	Unit 6 Participating in a project Incorporates many of the aspects of this learning outcome (Internally assessed)				
LO2 Be able to produce a project plan	This LO is not in any of the new Technicals units	Unit 6 Participating in a project Incorporates many of the aspects of this learning outcome (Internally assessed)				
LO3 Be able to follow a project plan to implement a project	This LO is not in any of the new Technicals units	Unit 6 Participating in a project Incorporates many of the aspects of this learning outcome (Internally assessed)				
LO4 Be able to review a project to ensure it meets its goals	This LO is not in any of the new Technicals units	Unit 6 Participating in a project Incorporates many of the aspects of this learning outcome (Internally assessed)				

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 17 Customising software LO1 Understand why application software is customised	This LO is not in any of the new Technicals units					
LO2 Be able to customise application software	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business LO2 Be able to design solutions to meet business needs LO3 Be able to present business solutions to stakeholders LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 9)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 9)			

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO3 Be able to create templates in application software	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business LO2 Be able to design solutions to meet business needs LO3 Be able to present business solutions to stakeholders LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 9)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 9)			
LO4 Be able to create macros and shortcuts in application software	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business LO2 Be able to design solutions to meet business needs LO3 Be able to present business solutions to stakeholders LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 9)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 9)			

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 18 IT security LO1 Know the potential threats to the security of IT systems	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO2 Know about software components LO4 Know about the use of the World Wide Web (WWW) (Externally assessed) (BTEC Unit 11)	Unit 2 Essentials of cyber security LO Know about aspects of cyber security LO2 Understand the threats and vulnerabilities that can result in cyber security attack LO3 Understand how organisations/individuals can minimise impacts from cyber security incidents (Externally assessed) (BTEC Unit 11)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 11)	Unit 9 Supporting IT functions LO2 Be able to diagnose hardware faults LO3 Be able to diagnose software faults LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 11)	
LO2 Understand how to protect IT systems	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO2 Know about software components LO4 Know about the use of the World Wide Web (WWW) (Externally assessed) (BTEC Unit 11)	Unit 2 Essentials of cyber security LO Know about aspects of cyber security LO2 Understand the threats and vulnerabilities that can result in cyber security attack LO3 Understand how organisations/individuals can minimise impacts from cyber security incidents (Externally assessed) (BTEC Unit 11)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 11)	Unit 9 Supporting IT functions LO2 Be able to diagnose hardware faults LO3 Be able to diagnose software faults LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 11)	

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO3 Be able to apply security measures	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO2 Know about software components LO4 Know about the use of the World Wide Web (WWW) (Externally assessed) (BTEC Unit 11)	Unit 2 Essentials of cyber security LO Know about aspects of cyber security LO2 Understand the threats and vulnerabilities that can result in cyber security attack LO3 Understand how organisations/individuals can minimise impacts from cyber security incidents (Externally assessed) (BTEC Unit 11)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 11)	Unit 9 Supporting IT functions LO2 Be able to diagnose hardware faults LO3 Be able to diagnose software faults LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 11)	

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
<p>Unit 19 Mobile communications technology</p> <p>LO1 Know the feature and uses of mobile communication devices</p>	<p>This LO is no longer stand-alone and has been divided and is now in multiple LOs</p>	<p>Unit 1 Essentials of IT</p> <p>LO1 Know about hardware components</p> <p>(Externally assessed)</p> <p>(BTEC Unit 14)</p>	<p>Unit 6 Participating in a project</p> <p>LO2 Be able to contribute to projects</p> <p>(Internally assessed)</p> <p>(BTEC Unit 14)</p>	<p>Unit 14 Creating mobile applications for business</p> <p>LO1 Know the uses of mobile applications within business environment</p> <p>LO2 Be able to create mobile applications to meet business requirements</p> <p>(Internally assessed)</p> <p>(BTEC Unit 14)</p>		
<p>LO2 Know the communication technologies used in mobile devices</p>	<p>This LO is no longer stand-alone and has been divided and is now in multiple LOs</p>	<p>Unit 1 Essentials of IT</p> <p>LO1 Know about hardware components</p> <p>(Externally assessed)</p> <p>(BTEC Unit 14)</p>	<p>Unit 6 Participating in a project</p> <p>LO2 Be able to contribute to projects</p> <p>(Internally assessed)</p> <p>(BTEC Unit 14)</p>	<p>Unit 9 Supporting IT functions</p> <p>LO2 Be able to diagnose hardware faults</p> <p>LO3 Be able to diagnose software faults</p> <p>LO4 Be able to recommend maintenance activities</p> <p>(Internally assessed)</p> <p>(BTEC Unit 11)</p>	<p>Unit 14 Creating mobile applications for business</p> <p>LO1 Know the uses of mobile applications within business environment</p> <p>LO2 Be able to create mobile applications to meet business requirements</p> <p>(Internally assessed)</p> <p>(BTEC Unit 14)</p>	
<p>LO3 Understand the implications of mobile communications technology</p>	<p>This LO is not in any of the new Technicals units</p>					

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO4 Be able to set up mobile communications devices	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 3 Building IT systems LO4 Be able to build and configure IT systems to meet business needs (Internally assessed) (BTEC Unit 14)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 14)	Unit 9 Supporting IT functions LO2 Be able to diagnose hardware faults LO3 Be able to diagnose software faults LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 11)	Unit 14 Creating mobile applications for business LO1 Know the uses of mobile applications within business environment LO2 Be able to create mobile applications to meet business requirements (Internally assessed) (BTEC Unit 14)	

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 20 Database systems LO1 Understand the principles of database systems	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO2 Be able to design solutions to meet business needs (Internally assessed) (BTEC Unit 16)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 16)	Unit 17 Using data analysis software LO1 Understand the data used by business LO2 Be able to select software to analyse data for business purposes (Internally assessed) (BTEC Unit 16)	Unit 18 Creating visual business products LO1 Know about creating visual products for business LO2 Be able to select software and hardware for creating visual products for business needs (Internally assessed) (BTEC Unit 16)	
LO2 Be able to create non-relational database systems	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO3 Be able to present business solutions to stakeholders LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 16)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 16)	Unit 17 Using data analysis software LO3 Be able to use software faults to analyse data for business purposes LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 16)	Unit 18 Creating visual business products LO3 Be able to create visual products to meet business needs LO4 Be able to improve visual products to meet business needs (Internally assessed) (BTEC Unit 16)	

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO3 Be able to use database software tools	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO2 Be able to design solutions to meet business needs LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 16)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 16)	Unit 17 Using data analysis software LO3 Be able to use software faults to analyse data for business purposes LO4 Be able to recommend maintenance activities (Internally assessed) (BTEC Unit 16)	Unit 18 Creating visual business products LO3 Be able to create visual products to meet business needs LO4 Be able to improve visual products to meet business needs (Internally assessed) (BTEC Unit 16)	

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 21 Doing business online LO1 Know about different online business activities	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO5 Know about the benefits of using IT in business (Externally assessed) (BTEC Unit 22)	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs (Internally assessed) (BTEC Unit 22)			
LO2 Know what to consider when setting up an online business	This LO is not in any of the new Technicals units					
LO3 Understand the operation of an online business	This LO is not in any of the new Technicals units					
LO4 Understand the benefits of an online business presence	This LO is not in any of the new Technicals units					

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 22 Developing computer games LO1 Know the different types of computer game	This LO is not in any of the new Technicals units					
LO2 Understand the impact of computer games on society and individuals	This LO is not in any of the new Technicals units					
LO3 Be able to design a computer game	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 26)	Unit 15 Games creation LO1 Know the fundamentals of game design LO2 Be able to generate game designs (Internally assessed) (BTEC Unit 26)			
LO4 Be able to test and document a computer game	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed) (BTEC Unit 26)	Unit 15 Games creation LO3 Be able to create games from game designs LO4 Be able to recommend additional features for game designs (Internally assessed) (BTEC Unit 26)			

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 23 Spreadsheet modelling LO1 Know what spreadsheets are and how they can be used	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO5 Know about the benefits of using IT in business (Externally assessed) (BTEC Unit 27)	Unit 5 Creating business solutions LO2 Be able to design solutions to meet business needs (Internally assessed) (BTEC Unit 27)	Unit 17 Using data analysis software LO1 Understand the data used by business LO2 Be able to select software to analyse data for business purposes (Internally assessed) (BTEC Unit 27)	Unit 18 Creating visual business products LO1 Know about creating visual products for business LO2 Be able to select software and hardware for creating visual products for business needs (Internally assessed) (BTEC Unit 27)	
LO2 Be able to develop spreadsheet models	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO2 Be able to design solutions to meet business needs LO3 Be able to present business solutions to stakeholders LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 27)	Unit 17 Using data analysis software LO3 Be able to use software to analyse data for business purposes LO4 Be able to present the results of data analysis to a client (Internally assessed) (BTEC Unit 27)	Unit 18 Creating visual business products LO3 Be able to create visual products to meet business needs LO4 Be able to improve visual products to meet business needs (Internally assessed) (BTEC Unit 27)		

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Unit/LO	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO3 Be able to test and document spreadsheet models	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO3 Be able to present business solutions to stakeholders LO4 Be able to use IT applications to meet business needs (Internally assessed) (BTEC Unit 27)	Unit 17 Using data analysis software LO3 Be able to use software to analyse data for business purposes LO4 Be able to present the results of data analysis to a client (Internally assessed) (BTEC Unit 27)	Unit 18 Creating visual business products LO3 Be able to create visual products to meet business needs LO4 Be able to improve visual products to meet business needs (Internally assessed) (BTEC Unit 27)		

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Other comments	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 24 Animation techniques LO1 Know about animation techniques	This LO is not in any of the new Technicals units	Animation could be linked to a number of different units within the 2016 specification e.g. Unit 18 Creating visual business products.				
LO2 Be able to develop ideas for an animation sequence	This LO is not in any of the new Technicals units	Animation could be linked to a number of different units within the 2016 specification e.g. Unit 18 Creating visual business products.				
LO3 Be able to create an animation sequence	This LO is not in any of the new Technicals units	Animation could be linked to a number of different units within the 2016 specification e.g. Unit 18 Creating visual business products.				
LO4 Be able to review own animation production	This LO is not in any of the new Technicals units	Animation could be linked to a number of different units within the 2016 specification e.g. Unit 18 Creating visual business products.				

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Other comments	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 25 Systems software and hardware for development LO1 Know the system software required for software development	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO2 Know about software components (Externally assessed)	Unit 5 Creating business solutions LO2 Be able to design solutions to meet business needs (Internally assessed)	Unit 14 Creating mobile applications for business LO1 Know the uses of mobile applications within business environment LO2 Be able to create mobile applications to meet business requirements (Internally assessed)		
LO2 Know the hardware required for software development	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO1 Know about hardware components (Externally assessed)	Unit 2 Essentials of cyber security LO1 Know about aspects of cyber security LO2 Understand the threats and vulnerabilities that can result in cyber security attack LO3 Understand how organisations/individuals can minimise impacts from cyber security incidents (Externally assessed)	Unit 5 Creating business solutions LO2 Be able to design solutions to meet business needs (Internally assessed)		

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Other comments	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO3 Know the systems software and hardware constraints of software development	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO1 Know about hardware components (Externally assessed)	Unit 2 Essentials of cyber security LO1 Know about aspects of cyber security LO2 Understand the threats and vulnerabilities that can result in cyber security attack LO3 Understand how organisations/individuals can minimise impacts from cyber security incidents (Externally assessed)	Unit 5 Creating business solutions LO2 Be able to design solutions to meet business needs (Internally assessed)		
LO4 Understand the solutions to systems software and hardware constraints	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO2 Be able to design solutions to meet business needs (Internally assessed)				

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Other comments	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 26 Fundamentals of computer applications LO1 Understand features of computer applications	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO2 Know about software components (Externally assessed)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed)	Unit 17 Using data analysis software LO1 Understand the data used by business LO2 Be able to select software to analyse data for business purposes (Internally assessed)		
LO2 Know how computer applications are used	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO2 Know about software components (Externally assessed)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed)	Unit 17 Using data analysis software LO1 Understand the data used by business LO2 Be able to select software to analyse data for business purposes (Internally assessed)		
LO3 Be able to design a computer application	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 5 Creating business solutions LO2 Be able to design solutions to meet business needs (Internally assessed)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed)			

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Other comments	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO4 Be able to create technical documentation for a computer application	This LO is no longer stand-alone and has been divided and is now in multiple LOs	<p>Unit 5 Creating business solutions</p> <p>LO2 Be able to design solutions to meet business needs</p> <p>(Internally assessed)</p>	<p>Unit 6 Participating in a project</p> <p>LO2 Be able to contribute to projects</p> <p>(Internally assessed)</p>			

MAPPING

Cambridge Technicals in IT 2012 units	Cambridge Technicals in IT 2016 units					
Unit/LO	THE CHANGE	Other comments	Unit/LO	Unit/LO	Unit/LO	Unit/LO
<p>Unit 27 Developing programming solutions</p> <p>LO1 Understand appropriate programming languages for a proposed solution</p>	<p>This LO is no longer stand-alone and has been divided and is now in multiple LOs</p>	<p>Unit 4 Creating programming solutions for business</p> <p>LO2 Be able to research the features of programming languages used for business solutions</p> <p>(Internally assessed)</p>	<p>Unit 5 Creating business solutions</p> <p>LO2 Be able to design solutions to meet business needs</p> <p>(Internally assessed)</p>			
<p>LO2 Be able to produce programming code for a software solution</p>	<p>This LO is no longer stand-alone and has been divided and is now in multiple LOs</p>	<p>Unit 4 Creating programming solutions for business</p> <p>LO3 Be able to plan business solutions using programming languages</p> <p>LO4 Be able to create business solutions using programming languages</p> <p>(Internally assessed)</p>	<p>Unit 5 Creating business solutions</p> <p>LO3 Be able to present business solutions to stakeholders</p> <p>LO4 Be able to use IT applications to meet business needs</p> <p>(Internally assessed)</p>			
<p>LO3 Be able to debug programming code for a software solution</p>	<p>This LO is no longer stand-alone and has been divided and is now in multiple LOs</p>	<p>Unit 4 Creating programming solutions for business</p> <p>LO4 Be able to create business solutions using programming languages</p> <p>(Internally assessed)</p>	<p>Unit 5 Creating business solutions</p> <p>LO3 Be able to present business solutions to stakeholders</p> <p>LO4 Be able to use IT applications to meet business needs</p> <p>(Internally assessed)</p>			

MAPPING

Cambridge Technicals in IT 2012 units	Cambridge Technicals in IT 2016 units					
Unit/LO	THE CHANGE	Other comments	Unit/LO	Unit/LO	Unit/LO	Unit/LO
LO4 Be able to test a software solution	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO3 Know how to install and upgrade hardware and software (Externally assessed)	Unit 5 Creating business solutions LO3 Be able to present business solutions to stakeholders LO4 Be able to use IT applications to meet business needs (Internally assessed)			

MAPPING

Cambridge Technicals in IT 2012 units	Cambridge Technicals in IT 2016 units					
Unit/LO	THE CHANGE	Other comments	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 28 Basic computing concepts LO1 Understand concepts of file transfer	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO4 Know about the benefits of using IT in business (Externally assessed)				
LO2 Understand the use of number systems in computing	This LO is not in any of the new Technicals units					
LO3 Know how IT systems use hardware components	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO1 Know about hardware components (Externally assessed)	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs (Internally assessed)	Unit 11 IT hardware installation and upgrade LO1 Know the reasons for installing and upgrading IT hardware (Internally assessed)		
LO4 Understand platform choices for system solutions	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO1 Know about hardware components (Externally assessed)	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs (Internally assessed)	Unit 11 IT hardware installation and upgrade LO1 Know the reasons for installing and upgrading IT hardware (Internally assessed)		

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Other comments	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 29 Understanding Big Data LO1 What is meant by Big Data	This LO is not in any of the new Technicals units					
LO2 Understand how Big Data is used	This LO is not in any of the new Technicals units					
LO3 Understand how Big Data is processed	This LO is not in any of the new Technicals units					

MAPPING

Cambridge Technicals in IT 2012 units		Cambridge Technicals in IT 2016 units				
Unit/LO	THE CHANGE	Other comments	Unit/LO	Unit/LO	Unit/LO	Unit/LO
Unit 30 Understanding cloud computing LO1 Understand what is meant by cloud computing	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO5 Know about the benefits of using IT in business (Externally assessed)	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs (Internally assessed)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed)		
LO2 Know how cloud computing relates to business	This LO is no longer stand-alone and has been divided and is now in multiple LOs	Unit 1 Essentials of IT LO5 Know about the benefits of using IT in business (Externally assessed)	Unit 3 Building IT systems LO2 Be able to design IT systems to meet business needs (Internally assessed)	Unit 6 Participating in a project LO2 Be able to contribute to projects (Internally assessed)	Unit 8 Using emerging technologies LO1 Know about technologies that are currently emerging LO2 Be able to explore how emerging technologies can support business needs (Internally assessed)	
LO3 Understand the technical perspectives for different cloud types	This LO is not in any of the new Technicals units					
LO4 Understand how to identify a successful adoption of cloud	This LO is not in any of the new Technicals units					



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