

Cambridge TECHNICALS LEVEL 2

IT

CAMBRIDGE
TECHNICALS

QUALIFICATION HANDBOOK

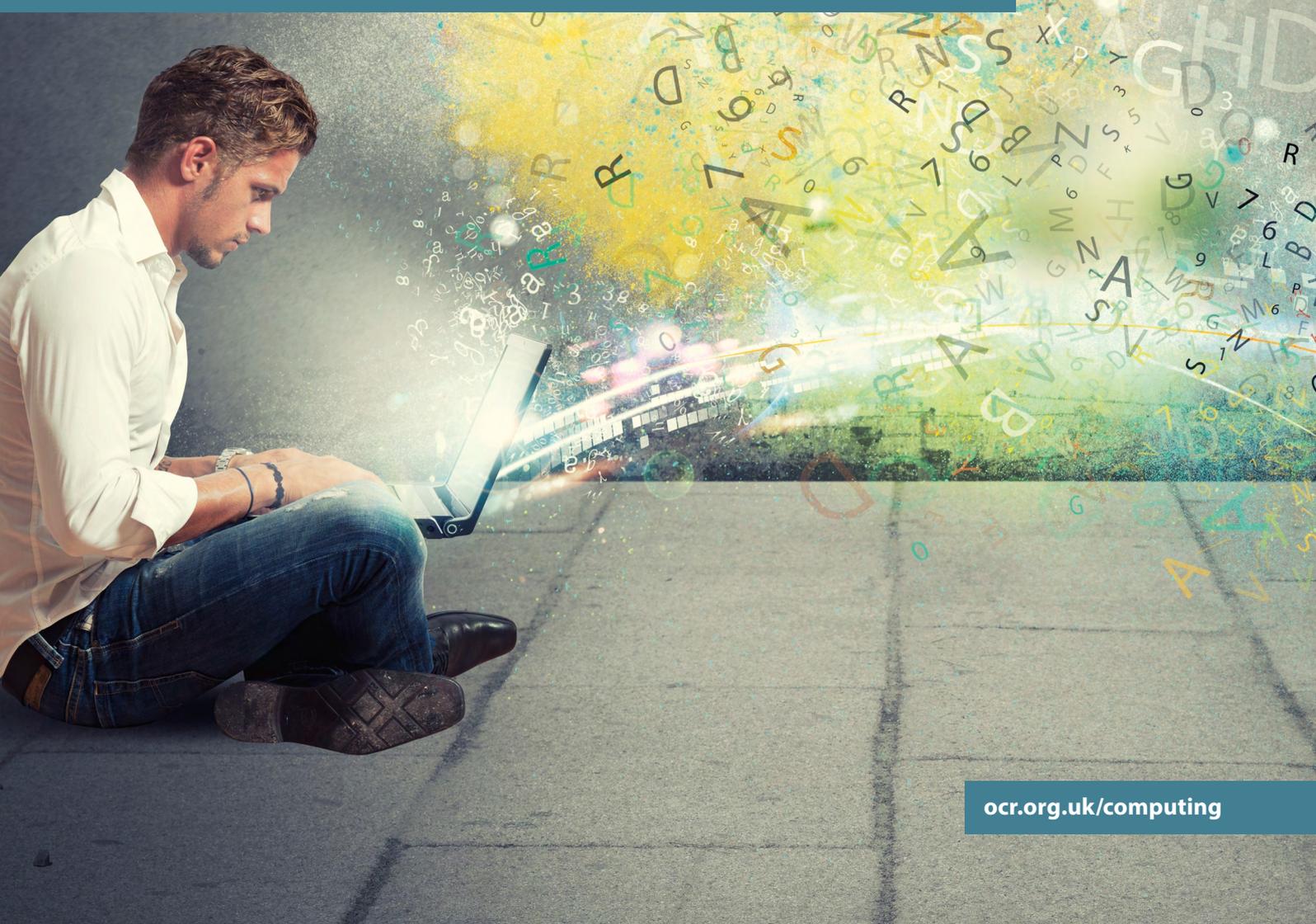
OCR Level 2 Cambridge Technical Award in Digital Business Technologies (05882)

OCR Level 2 Cambridge Technical Certificate in IT (05883)

OCR Level 2 Cambridge Technical Diploma in IT (05884)

First teaching from September 2017

Version 5 – June 2024



About this handbook

The information we've provided in this handbook is correct at the time we produced it. Occasionally we may update it so please check the qualification [webpage](#) for the most up-to-date information.

Staff involved in delivering these qualifications must have access to and understand the requirements in this handbook.

For information on how to administer these qualifications please follow the link to the [OCR Administration](#) area. You'll find all the details about how the qualifications run, what you need to do and when. It covers everything from becoming an OCR centre, to making entries, claiming certificates, special arrangements and contacting us for advice.

About us

OCR is a leading UK awarding body and part of Cambridge University Press & Assessment.

We are a not-for-profit organisation so success is measured through the impact and reach of our activities and the scale of our contribution to helping people realise their aspirations.

We work in partnership with teachers, employers, higher education and government to develop general and vocational qualifications that will equip learners of all abilities, with the knowledge and skills they need to reach their full potential.

Thank you

We've worked with centres, employers and higher education institutions to design these qualifications.

Thank you to everyone who provided support and feedback as we developed the new Cambridge Technicals in IT. Particular thanks go to those of you who helped us shape these qualifications by so generously giving your own time to share your advice and experiences.

Releases of this handbook

For details of each of the releases see Appendix C

Please make sure you are using the latest versions of the handbook and units which are available to download from the OCR website.

© OCR 2024 This document can be reproduced for teaching purposes. Centres cannot reproduce OCR materials if the purpose is to sell the materials (to learners or others). Permission to make this document available on an internet site must be obtained in writing from OCR's copyright Team at OCR (Oxford Cambridge and RSA Examinations), The Triangle Building, Shaftesbury Road, Cambridge, CB2 8EA, Email: ocr.copyright@ocr.org.uk. For full details of OCR's copyright policy please see our website.

Contents

About this handbook	2
About us	2
Thank you	2
Releases of this handbook	2
1 Qualifications overview	5
Size and purpose at a glance	5
OCR Level 2 Cambridge Technical Award in Digital Business Technologies at a glance	6
Statement of purpose	7
OCR Level 2 Cambridge Technical Certificate in IT at a glance	9
Statement of purpose	10
OCR Level 2 Cambridge Technical Diploma in IT at a glance	12
Statement of purpose	13
2 About these qualifications	15
3 Qualification resources, support and useful links	20
Qualification resources	20
Useful documents and links	21
4 How these qualifications are structured	23
OCR Level 2 Cambridge Technical Award in Digital Business Technologies (90 GLH)	24
OCR Level 2 Cambridge Technical Certificate in IT (180 GLH)	25
OCR Level 2 Cambridge Technical Diploma in IT (360 GLH)	26
5 Preparing for qualification delivery and assessment	28
Centre and centre assessor responsibilities	28
Guidance for delivery	30
Involving employers in teaching, learning and assessment	30
Important information on teaching content in units	32
Initial assessment of learners	32
Prior knowledge and experience	33
6 Synoptic assessment	34
7 External assessment	35
Summary of the externally assessed units	35
Learning Outcome weightings	35
How these units are assessed	35
Availability of external assessment	35
Resitting external assessment	36
Reporting suspected malpractice	36
8 Internal assessment	37
Assignments for internal assessment	37
Designing your own assignments for internally assessed units	37
Assignments for practice	38
Internal assessment and external moderation: a summary of how it works	39
Centre standardisation	40
Taking assignments and assessing learners' work	41
Authenticity of learners' work	41
Feedback to learners	42

	Taking an assignment for summative assessment	43
	What evidence is needed to assess a learner?	44
	Assessing work for summative assessment	44
	Resubmitting work for summative assessment	45
	Reporting suspected malpractice	45
9	External moderation	46
10	How to calculate the qualification grade	47
	Grading	47
	Calculating the qualification grade for the Award	48
	Calculating the qualification grade for the Certificate or Diploma	49
	OCR Level 2 Cambridge Technical Award in Digital Business Technologies (90 GLH)	51
	OCR Level 2 Cambridge Technical Certificate in IT (180 GLH)	51
	OCR Level 2 Cambridge Technical Diploma in IT (360 GLH)	51
11	Certificate and results	52
	Claim a qualification	52
	Certificates	52
	Replacement certificates	52
	Review of results	52
12	Administration and other information	53
	Collecting evidence of learner performance to ensure resilience in the qualifications system	53
	Avoidance of bias	53
	Accessibility	53
13	Contacting us	54
	Feedback and enquiries	54
	Complaints	54
Appendix A	Performance descriptors	55
Appendix B	Opportunities for applying learning across units	57
Appendix C	Key updates to this handbook	58

1 Qualifications overview

Size and purpose at a glance

This suite is made up of three qualifications and they share some common units.

Units 1 and 2 are externally assessed by computer-based testing.

The remaining units are internally assessed by your centre staff and moderated by OCR.

OCR Level 2 Cambridge Technical Award in Digital Business Technologies – 90 GLH

**90
GLH**

2 or 3 units

- There are a choice of 30 GLH and 60 GLH units
- All units are internally assessed.

It will provide learners with the opportunity through applied learning to develop core principles and specialist knowledge and understanding required in the IT sector.

OCR Level 2 Cambridge Technical Certificate in IT – 180 GLH

**180
GLH**

4 units

- Unit 1 (60 GLH), Unit 2 (30 GLH) and Unit 17 (60 GLH) are mandatory
- There are two optional units from which one unit should be chosen.

It will provide learners with the opportunity through applied learning to develop core principles and specialist knowledge and understanding required in the IT sector.

OCR Level 2 Cambridge Technical Diploma in IT – 360 GLH

**360
GLH**

8 units:

- Unit 1 (60 GLH) and Unit 2 (30 GLH) are mandatory in all pathways
- A specialist pathway must be followed from which the additional 6 units are taken. There are three pathways to choose from.

It will provide learners with the opportunity through applied learning to develop the core specialist knowledge, skills and understanding required in the IT sector, and develop further skills by completing a range of units through a choice of these specialist pathways:

- IT Technical Practitioner
- Digital Software Practitioner
- Digital Business Practitioner

You'll find the units and supporting documents for these qualifications on our website.

OCR Level 2 Cambridge Technical Award in Digital Business Technologies at a glance

Qualification number (QN)	603/0369/4	OCR Entry code	05882
First registration date	01/09/2017	Approved age range	16–18, 19+
Guided Learning Hours (GLH)	90	UCAS points	Not applicable
Total Qualification Time (TQT)	119	Performance information	Not applicable
Exam sessions each year	January and June	Eligible for funding	It's designed to meet the funding requirements of a 16–19 study programme.

Entry requirements	There are no formal entry requirements for this qualification. It is recommended that learners have, or are working towards, a grade 4/grade C or above in maths and English GCSEs.
This qualification has been designed	<ul style="list-style-type: none"> For learners who are on a 16–19 study programme
This qualification is suitable for learners	<ul style="list-style-type: none"> Who want to progress into employment Who want to progress into further study.

Qualification structure	Learners must achieve a total of 2 or 3 units from a choice of internally assessed units.
--------------------------------	---

Assessment method/model	Your centre staff will internally assess the units and we will moderate them.
Grading	The units are graded Pass, Merit and Distinction. The qualification is graded Pass, Merit or Distinction.

Repeat submission of learner's work	<p>If you and the learner feel they haven't performed at their best during the assessment, the learner can, at your discretion, improve their work and resubmit it to you for assessment.</p> <p>You must follow our requirements on authenticity and feedback in section 8.</p>
--	--

Employer engagement	It is a requirement that employers are engaged in the delivery of this qualification. Further information can be found in the individual units (where relevant) and in section 5.
----------------------------	---

Statement of purpose

Who is the **OCR Level 2 Cambridge Technical Award in Digital Business Technologies** for?

This qualification is for learners of 16 years old or over who want to study IT. The qualification provides them with an introduction to the IT sector enabling them to learn and be assessed in practical and relevant ways. They are not required to undertake external assessments to achieve this qualification and the expectation is that they will use the Award as a stepping stone into employment or further study.

What does this qualification cover?

The qualification will enable learners to acquire a range of transferable skills and knowledge which are highly regarded by employers. They will take two or three units from those available in this qualification. Depending on the units chosen this may open up opportunities to move up to the larger size qualifications in the suite. There are no mandatory units.

What could this qualification lead to?

This qualification will lead to specific job roles which include: Digital Officer Support and Junior Administration roles. This qualification is part of a suite of Cambridge Technicals in IT at Levels 2 and 3. There are no formal entry or prior learning requirements for this qualification.

This is one of three qualifications available in the OCR Level 2 Cambridge Technicals in IT suite:

- **OCR Level 2 Cambridge Technical Award in Digital Business Technologies**
- OCR Level 2 Cambridge Technical Certificate in IT
- OCR Level 2 Cambridge Technical Diploma in IT (with specialist pathways)

Normally, learners would choose one of the OCR Level 2 Cambridge Technical in IT qualifications because they are aged 16 years plus, are in full-time education but aren't quite ready to study a Level 3 qualification in this sector at this stage.

Learners can progress to Level 3 where there are six qualifications available:

- OCR Level 3 Cambridge Technical Certificate in IT (equivalent in size to one AS level)
- OCR Level 3 Cambridge Technical Extended Certificate in IT (equivalent in size to one A level)
- OCR Level 3 Cambridge Technical Introductory Diploma in IT (with specialist pathways) (equivalent in size to one A level)
- OCR Level 3 Cambridge Technical Foundation Diploma in IT (with specialist pathways) (equivalent in size to one and a half A levels)
- OCR Level 3 Cambridge Technical Diploma in IT (with specialist pathways) (equivalent in size to two A levels)
- OCR Level 3 Cambridge Technical Extended Diploma in IT (with specialist pathways) (equivalent in size to three A levels)

The Award is smaller in nature and designed as an introduction to this sector.

The Certificate will provide learners with the flexibility to achieve other qualifications in their study programme, whether vocational or academic.

This Diploma is the largest of the qualifications in this suite. As learners will be taking more units it will enable them to increase the breadth and depth of their knowledge, skills and understanding in their chosen pathway which could lead to relevant employment.

OCR Level 2 Cambridge Technical Certificate in IT at a glance

Qualification number (QN)	603/0371/2	OCR Entry code	05883
First registration date	01/09/2017	Approved age range	16–18, 19+
Guided Learning Hours (GLH)	180	UCAS points	N/A
Total Qualification Time (TQT)	248	Performance information	See section 2 performance information .
Exam sessions each year	January and June	Eligible for funding	It's designed to meet the funding requirements of a 16–19 study programme.

Entry requirements	There are no formal entry requirements for this qualification. It is recommended that learners have, or are working towards, a grade 4/grade C or above in maths and English GCSEs.
This qualification has been designed	<ul style="list-style-type: none"> • For learners who are on a 16–19 study programme • To meet the Department for Education's characteristics for the Technical Certificate category of the 16–19 performance tables.
This qualification is suitable for learners	<ul style="list-style-type: none"> • Who want to progress into IT-related apprenticeships • Who want to progress into employment.

Qualification structure	Learners must achieve a total of 4 units consisting of 3 mandatory units and the remaining 1 unit from optional units.
--------------------------------	--

Assessment method/model	Units 1 and 2 are assessed by exam and marked by us. Your centre staff will internally assess all the other units and we will moderate them.
Grading	Unit 1 is graded achieved/not achieved. All the other units are graded Pass, Merit and Distinction. The qualification is graded Pass, Merit, Distinction or Distinction*.

Examination resits	Learners can resit an examined unit once before they complete the qualification.
Repeat submission of learner's work	If you and the learner feel they haven't performed at their best during the assessment, the learner can, at your discretion, improve their work and resubmit it to you for assessment. You must follow our requirements on authenticity and feedback in section 8.

Employer engagement	It is a requirement that employers are engaged in the delivery of this qualification. Further information can be found in the individual units (where relevant) and in section 5.
----------------------------	---

Statement of purpose

Who is the **OCR Level 2 Cambridge Technical Certificate in IT** for?

This qualification is for learners of 16 years old or over who want to study IT. The qualification allows them to study IT in a context that enables them to learn and be assessed in ways that are practical and relevant to the IT sector. It will provide them with the skills, knowledge and understanding to progress onto employment, either directly or through an Apprenticeship (i.e. IT Users, Software, Web and Telecoms Professionals) or a Level 3 Tech Level qualification in the IT and computing sector.

What does this qualification cover?

The qualification is designed to be taken as part of a study programme alongside other vocational qualifications or GCSE's. Everyone will take the following two externally assessed mandatory units:

- Essentials of IT
- Essentials of cyber security.

These units will provide learners with the core knowledge and understanding that underpins all other internally assessed units. **Essentials of IT** provides them with an overview of the IT sector as they develop their knowledge of hardware, software, installing and upgrading processes, the use of the World Wide Web and the benefits of using IT in business. **Essentials of cyber security** reflects the increasing importance of this issue in IT related activities and enables them to understand possible cyber threats and how these can be managed.

In addition, learners will take one other mandatory unit – Unit 17 **Using data analysis software** and a choice from two additional optional units – either Unit 8 **Using emerging technologies** or Unit 16 **Using social media channels for business**.

What could this qualification lead to?

The qualification will enable learners to acquire a range of transferable skills and knowledge which are highly regarded by employers. This qualification will lead to specific job roles which include: Digital Administrator, Digital Marketing Assistant and Junior Business Analyst. This qualification is part of a suite of Cambridge Technicals in IT at Levels 2 and 3. There are no formal entry or prior learning requirements for this qualification.

This is one of three qualifications available in the OCR Level 2 Cambridge Technicals in IT suite:

- OCR Level 2 Cambridge Technical Award in Digital Business Technologies
- **OCR Level 2 Cambridge Technical Certificate in IT**
- OCR Level 2 Cambridge Technical Diploma in IT (with specialist pathways)

Normally, learners would choose one of the OCR Level 2 Cambridge Technical in IT qualifications because they are aged 16 years plus, are in full-time education but aren't quite ready to study a Level 3 qualification in this sector at this stage.

Learners can progress to Level 3 where there are six qualifications available:

- OCR Level 3 Cambridge Technical Certificate in IT (equivalent in size to one AS level)
- OCR Level 3 Cambridge Technical Extended Certificate in IT (equivalent in size to one A level)
- OCR Level 3 Cambridge Technical Introductory Diploma in IT (with specialist pathways) (equivalent in size to one A level)
- OCR Level 3 Cambridge Technical Foundation Diploma in IT (with specialist pathways) (equivalent in size to one and a half A levels)
- OCR Level 3 Cambridge Technical Diploma in IT (with specialist pathways) (equivalent in size to two A levels)
- OCR Level 3 Cambridge Technical Extended Diploma in IT (with specialist pathways) (equivalent in size to three A levels).

The Certificate will provide learners with the flexibility to achieve other qualifications in their study programme, whether vocational or academic and support them onto employment, either directly or through an apprenticeship.

The Award is smaller in nature and designed as an introduction to this sector.

This Diploma is the largest of the qualifications in this suite. As learners will be taking more units it will enable them to increase the breadth and depth of their knowledge, skills and understanding in their chosen pathway which could lead to relevant employment.

OCR Level 2 Cambridge Technical Diploma in IT at a glance

Qualification number (QN)	603/0373/6	OCR entry code	05884
First registration date	01/09/2017	Approved age range	16–18, 19+
Guided Learning Hours (GLH)	360	UCAS points	N/A
Total Qualification Time (TQT)	489	Performance information	See section 2 performance information .
Exam sessions each year	January and June	Eligible for funding	It's designed to meet the funding requirements of a 16–19 study programme.

Entry requirements	There are no formal entry requirements for this qualification. It is recommended that learners have, or are working towards, a grade 4/grade C or above in maths and English GCSEs.
This qualification has been designed	<ul style="list-style-type: none"> • For learners who are on a 16–19 study programme • To meet the Department for education's characteristics for the Technical Certificate category of the 16–19 performance tables.
This qualification is suitable for learners	<ul style="list-style-type: none"> • Who want to progress into IT-related apprenticeships • Who want to progress into employment.

Qualification structure	Learners must achieve a total of 8 units. A specialist pathway must be chosen. Two units are mandatory across all pathways. The remaining units are made up of pathway mandatory and pathway optional units.
--------------------------------	--

Assessment method/model	Units 1 and 2 are assessed by exam and marked by us. Your centre staff will internally assess all the other units and we will moderate them.
Grading	Unit 1 is graded achieved/not achieved. All the other units are graded Pass, Merit and Distinction. The qualification is graded Pass, Merit, Distinction or Distinction*.

Examination resits	Learners can resit an examined unit once before they complete the qualification.
Repeat submission of learner's work	If you and the learner feel they haven't performed at their best during the assessment, the learner can, at your discretion, improve their work and resubmit it to you for assessment. You must follow our requirements on authenticity and feedback in section 8.

Employer engagement	It is a requirement that employers are engaged in the delivery of this qualification. Further information can be found in the individual units (where relevant) and in section 5.
----------------------------	---

Statement of purpose

Who is the OCR Level 2 Cambridge Technical Diploma in IT for?

This qualification is for learners of 16 years old or over who want to study IT. The qualification allows them to study IT in a context that enables them to learn and be assessed in ways that are practical and relevant to the IT sector. It will provide them with the skills, knowledge and understanding to progress onto employment, either directly or through an Apprenticeship (i.e. IT Users, Software, Web and Telecoms Professionals) or a Level 3 Tech Level qualification in the IT and computing sector.

The qualification is designed to be taken as part of a study programme alongside other vocational qualifications and GCSE's.

What does this qualification cover?

Everyone will take the following two externally assessed mandatory units:

- Essentials of IT
- Essentials of cyber security.

These units will provide learners with the core knowledge and understanding that underpins all other internally assessed units. **Essentials of IT** provides them with an overview of the IT sector as they develop their knowledge of hardware, software, installing and upgrading processes, the use of the World Wide Web and the benefits of using IT in business. **Essentials of cyber security** reflects the increasing importance of this issue in IT related activities and enables learners to understand possible cyber threats and how these can be managed.

In addition, learners take five or six mandatory units, depending on the pathway chosen. There are three pathways – IT Technical Practitioner Pathway, Digital Software Practitioner Pathway and Digital Business Practitioner Pathway. Learners will choose to study one of three specialised pathways depending on the career they wish to pursue. Depending on the pathway chosen the units they take will vary.

Within each pathway there is a synoptic mandatory unit which learners will need to complete at the end of their programme of study. This is important because the assessment tasks will require them to draw synoptically on the knowledge, understanding and skills developed in other units. In the IT Technical Practitioner Pathway this is Unit 3 – **Building IT systems**. In the Digital Software Practitioner Pathway this is Unit 4 – **Creating programming solutions for business** and in the Digital Business Practitioner Pathway this is Unit 5 – **Creating business solutions**.

What could this qualification lead to?

The IT Technical Practitioner Pathway will lead to specific job roles which include: Information Technology Technician, IT User Support Technician and Network Infrastructure Technician.

The Digital Software Practitioner Pathway will lead to specific job roles which include: Software Tester, Project Administrator and Web Content Maintenance.

The Digital Business Practitioner Pathway will lead to specific job roles which include: Social Media Content Administrator, Social Media Marketer and Data Administrator.

The qualification will enable learners to acquire a range of transferable skills and knowledge which are highly regarded by employers.

This qualification is part of a suite of Cambridge Technicals in IT at Levels 2 and 3. There are no formal entry or prior learning requirements for this qualification.

This is one of three qualifications available in the OCR Level 2 Cambridge Technicals in IT suite:

- OCR Level 2 Cambridge Technical Award in Digital Business Technologies
- OCR Level 2 Cambridge Technical Certificate in IT
- **OCR Level 2 Cambridge Technical Diploma in IT (with specialist pathways)**

Normally, learners would choose one of the OCR Level 2 Cambridge Technical in IT qualifications because they are aged 16 years plus, are in full-time education but aren't quite ready to study a Level 3 qualification in this sector at this stage.

Learners can progress to Level 3 where there are six qualifications available:

- OCR Level 3 Cambridge Technical Certificate in IT (equivalent in size to one AS level)
- OCR Level 3 Cambridge Technical Extended Certificate in IT (equivalent in size to one A level)
- OCR Level 3 Cambridge Technical Introductory Diploma in IT (with specialist pathways) (equivalent in size to one A level)
- OCR Level 3 Cambridge Technical Foundation Diploma in IT (with specialist pathways) (equivalent in size to one and a half A levels)
- OCR Level 3 Cambridge Technical Diploma in IT (with specialist pathways) (equivalent in size to two A levels)
- OCR Level 3 Cambridge Technical Extended Diploma in IT (with specialist pathways) (equivalent in size to three A levels).

This Diploma at Level 2 is the largest of the qualifications in this suite. As learners will be taking more units it will enable them to increase the breadth and depth of their knowledge, skills and understanding in their chosen pathway which could lead to relevant employment.

The Certification and Award are smaller in size but will still provide them with the flexibility to achieve other qualifications in their study programme, whether vocational or academic.

2 About these qualifications

Introduction	<p>This handbook contains what you need to know about the planning, delivery and assessment of these qualifications.</p> <p>Information about the administration of these qualifications including an overview is available on the OCR Administration area.</p>
Qualification size	<p>The size of the qualification is described in terms of Guided Learning Hours (GLH) and Total Qualification Time (TQT).</p> <p>GLH indicates the approximate time (in hours) that the learner will be supervised during any teaching, learning or assessment activities. We have worked with people who are experienced in delivering IT qualifications to determine what content needs to be taught and how long it will take to deliver.</p> <p>TQT is comprised of two elements: GLH, and an estimate of the number of hours a learner will reasonably spend on any unsupervised learning or assessment activities (including homework) so they can successfully achieve their qualification.</p> <p>GLH and TQT for each qualification is given in the 'At a glance' table in section 1.</p>
How does it fit into a 16–19 study programme?	<p>The Award (90 GLH) is designed to be taken alongside other qualifications within a 16–19 study programme to get learners into employment, or potentially, further study.</p> <p>The Certificate (180 GLH) is designed to be taken alongside other qualifications within a 16–19 study programme, primarily to support the main subject. The focus of this qualification is to get learners into employment, an apprenticeship or progression to another Tech Level.</p> <p>The Diploma (360 GLH) is designed to either form the substantive part of a single year programme or to be taken in combination with other elements in either a vocational or academic programme. The focus of this qualification is to get learners into employment. It is for learners who want to specialise in a particular vocational area.</p> <p>The Certificate and the Diploma qualifications equip learners with specialist knowledge and skills, enabling entry to an Apprenticeship, employment or progression to a Tech Level.</p> <p>They can be complemented by other vocational or academic qualifications.</p>

	<p>You should make sure you tell learners the title and level of the qualification they've been entered for and that Oxford Cambridge and RSA Examinations (OCR) is the awarding body for their chosen qualification.</p>
<p>Is there a learner entry requirement?</p>	<p>No, to take these qualifications learners don't need any specific knowledge or skills related to the qualification.</p> <p>Learners should be aged 16 or over.</p>
<p>Do learners need specific prior learning?</p>	<p>No, but it is recommended that learners have, or are working towards, a grade 4/grade C or above in maths and English GCSEs.</p> <p>We also recommend you carry out an initial assessment to make sure learners are capable of reaching the required standards of the qualification they intend to work towards.</p>
<p>How are these qualifications delivered?</p>	<p>You're free to deliver these qualifications using any mode of delivery that meets the needs of your learners but you do have to involve employers in delivering and/or assessing them.</p> <p>Whichever mode of delivery you decide to use, you must make sure learners have appropriate access to the resources they will need to develop the skills, understanding and knowledge and to complete the assessments.</p> <p>We recommend you reference teaching and development of subject content and associated skills to real life situations, using appropriate work-based contexts, delivery personnel who are vocationally experienced and real-life case studies.</p>
<p>What are the requirements for employer involvement?</p>	<p>All learners must undertake meaningful activity involving employers during their study. For more information see 'Involving employers in teaching, learning and assessment' in section 5.</p>
<p>What are the subject knowledge requirements for our centre staff?</p>	<p>Tutors must have the relevant level of subject knowledge and skills to deliver these qualifications.</p>

<p>Are there specific resource requirements for my centre?</p>	<p>Yes, there are specific requirements for some units and we've detailed these in the individual units. For example, in Unit 9, Supporting IT Functions, learners should have access to a variety of tools used by IT Support technicians (e.g. multimeter, network cable tester, defrag application). Learners should also have access to hardware and software that can be used to facilitate fault diagnosis (e.g. printer, laptop with operating system).</p> <p>Health and safety Please also make sure your learners are provided with appropriate physical resources, such as protective equipment and/or clothing, wherever this is appropriate.</p> <p>You and your centre must take care and follow all health and safety requirements and quality assurance procedures specific to each practical activity. You must make sure the appropriate health and safety policies are in place for equipment used by learners, even if the equipment isn't specified in the unit content.</p> <p>Assessment Your centre must provide appropriate examination facilities for learners that comply with the Joint Council for Qualifications (JCQ) Instructions for Conducting Examinations.</p>
<p>How are these qualifications assessed?</p>	<p>These qualifications are assessed using a combination of:</p> <ul style="list-style-type: none"> • external assessment, which we set and mark • internal assessment, where the tutor assesses learners' work which we externally moderate.
<p>How are these graded?</p>	<p>Unit 1 is graded achieved / not achieved.</p> <p>All the other units achieved will be graded as Pass, Merit or Distinction.</p> <p>Learners who don't achieve a pass in a unit will be unclassified. A learner must get at least a pass for every unit to be awarded the qualification they have entered for.</p> <p>The Certificate and Diploma qualifications are graded using a Pass, Merit, Distinction, Distinction* (and Unclassified) structure.</p> <p>The Award qualification is graded using a Pass, Merit, Distinction (and Unclassified) structure.</p> <p>You'll find full details about the rules for achieving a qualification and about grading in section 10 'How to calculate the qualification grade'.</p>

<p>Availability and funding</p>	<p>These qualifications are designed to meet the funding requirements of a 16–19 study programme and 19–23 entitlement.</p> <p>To check if these qualifications are approved for delivery and funding in your country you must visit the following websites for the latest information:</p> <p>England</p> <p>Register of Regulated Qualifications – Ofqual’s register of regulated qualifications</p> <p>Education and Skills Funding Agency for funding education and training for learners 14-19 years in England. This list was formerly known as the section 96</p> <p>Wales</p> <p>Qualifications in Wales database (QiW) - for information on approved and designated qualifications in Wales including funding</p> <p>Northern Ireland</p> <p>Register of Regulated Qualifications – for England and Northern Ireland</p> <p>NIEFQAN – Approval of qualifications by the Department of Education in Northern Ireland</p> <p>Department for the Economy for public funding in Northern Ireland.</p> <p>Use the Qualification Number (QN) when you’re looking for information on qualification eligibility for public funding.</p> <p>If you have any queries about funding for these qualifications email us at funding@ocr.org.uk.</p>
<p>Delivery in Wales and Northern Ireland</p>	<p>Learners in Wales and Northern Ireland shouldn’t be disadvantaged by terms, legislation or aspects of government that are different from those in England.</p> <p>Where such situations might occur, we’ve used neutral terms so learners may apply whatever is appropriate and current to their own situation.</p>
<p>Language</p>	<p>These qualifications and any associated assessment materials are available in English only. Only answers provided in English will be assessed.</p>

<p>Performance information</p>	<p>We've designed these qualifications to meet the Department for Education requirements for qualifications in the Technical Certificate category of the 16 to19 performance tables.</p> <p>You'll find information on:</p> <ul style="list-style-type: none"> • performance tables for England on the Department for Education website • performance points for Northern Ireland on the Department of Education website • performance measures for Wales on Qualifications in Wales database (QiW). If you have any queries about this performance information then please email ims@wales.gsi.gov.uk.
<p>Last entry date</p>	<p>These qualifications will continue to be available for entries and certification until we decide they need to be withdrawn.</p> <p>If we're going to withdraw a qualification we'll set an end date for entries and certification and we'll tell you what the arrangements are for the last date to enter learners and make claims for certificates.</p> <p>When we set end dates, you'll be able to see these on the Register of Regulated Qualifications and the Qualifications in Wales database (QiW). If an end date is not specified, it's because the qualification is still available.</p>

3 Qualification resources, support and useful links

Our aim is to provide you with the information and support you need to deliver these qualifications.

Qualification resources

These resources are available on Teach Cambridge.

Delivery guide

Each delivery guide contains a range of lesson ideas with associated activities (including English and Maths extension activities) you can use with your learners.

We've structured the guide by learning outcome so you can see how each activity helps learners cover the specification.

The guide also explains key terms and common misconceptions.

Skills guides

We've written skills guides for you and your learners. They can help review or refresh skills in a variety of areas including:

- managing projects
- research
- referencing (good practice in acknowledging the work of other authors and avoiding accusations of plagiarism)
- command verbs
- examinations.

You can find these on the webpage under [skills guides](#).

Qualifications calculator

This [tool](#) helps you and your learners make sure the right number and combination of units is chosen for a qualification.

Sample assessment materials

We only provide sample assessment materials for the externally assessed units. This is because we set the assessment for these units. Sample assessments show you what the assessment will look like, and you can use them as practice materials.

You can download sample assessment materials and old past papers from our [website](#).

Model assignments

We'll provide model assignments for mandatory internally assessed units. These can be:

- used as they are to assess your learners
- modified to suit your local or regional environment
- used as a guide to help you design your own assignments.

Assignment checking service

You can develop your own assessment for internally assessed units.

We provide an optional assignment checking service for Cambridge Technicals centres. If you use this service we'll check that the assignment you've designed covers the grading criteria in the unit and allows every learner to reach the highest grade if they demonstrate they have the associated level of knowledge, understanding and skills.

You can find more information about this service (including the price) on the [Cambridge Technicals](#) page.

Professional Development

We provide face-to-face courses and live online training events (webinars) where you can benefit from information, advice and guidance from subject experts and network with fellow professionals. We'll also produce presentations and films that provide detailed information and feedback about specifications, grading criteria and candidate performance in past sessions.

Visit our website to find out about all our current courses and professional development.

Useful documents and links

Key OCR documents

Units

These are separate documents that you'll find on the qualification page of our website.

Candidate Authentication Statement for OCR Cambridge Technicals

Learners must sign this statement to confirm that the work they've submitted for assessment is their own. The form is completed when work is submitted for assessment and it can cover more than one unit. Every unit of the learner's qualification must be listed on a Candidate Authentication statement; there doesn't have to be a separate form for each unit.

Centre plan for Meaningful Employer Involvement

This plan must be completed to show how your centre will make sure every learner undertakes meaningful employer involvement while studying for these qualifications.

Unit Recording Sheets (URS)

You complete this form to record and justify your assessment decisions. You must fill in a URS for each unit a learner completes and make this available with the work during visiting moderation.

Witness Statement

You should use this form when you've observed a learner as part of their assessment. Use it to testify or corroborate what has actually been observed by you.

For more information, see 'Witness Statements' in section 8.

Useful links

OCR	OCR Administration area What is malpractice?
JCQ	Access arrangements and reasonable adjustments Suspected Malpractice in Examinations and Assessments
Ofqual	Regulatory documents Register of Regulated Qualifications – for England and Northern Ireland
QiW	Qualifications in Wales database (QiW) - for information on approved and designated qualifications in Wales including funding
CCEA	CCEA website
Department of Education, Northern Ireland	Performance measures /NI entitlement framework qualifications accreditation number (NIEFQAN) file Department of Education publications

4 How these qualifications are structured

These qualifications are made up of units which can feature in one or more of the qualifications in the IT suite.

Unit 17 in the IT Certificate and Units 3, 4, or 5 (dependent on the pathway chosen) in the Diploma, should be taken as the final unit, as learners will draw on their skills, knowledge and understanding acquired through other units and apply what they have learned. This provides opportunities for synoptic assessment and enhancing the applied nature of the qualification.

While learners don't have to achieve the other units in any particular order it's worth noting that the content in mandatory Units 1 and 2 underpins the learning in other units.

You must consider the relationship between the units when you plan the learning programme. To help you with your delivery planning most units highlight opportunities for applying learning across units (see Appendix B).

When combining units for the chosen qualification, it's your responsibility to make sure the rules for the qualification are followed.

OCR Level 2 Cambridge Technical Award in Digital Business Technologies (90 GLH)

For this qualification learners must achieve 90 GLH from the optional units available.

Key to units for this qualification

I = Internal assessment

You assess this and we moderate it

O = Optional

Learners can choose these units to make up the 90 GLH

Unit no.	Unit title	Unit ref. no. (URN)	Guided learning hours (GLH)	How are they assessed?	Mandatory or optional
8	Using emerging technologies	M/615/1364	30	I	O
9	Supporting IT functions	J/615/1368	60	I	O
10	IT software installation and upgrade	L/615/1372	30	I	O
11	IT hardware installation and upgrade	Y/615/1374	30	I	O
12	Creating a computer network	T/615/1379	60	I	O
13	Creating websites	T/615/1382	60	I	O
14	Creating mobile applications for business	F/615/1384	30	I	O
15	Games creation	L/615/1436	60	I	O
16	Using social media channels for business	J/615/1385	30	I	O
17	Using data analysis software	L/615/1386	60	I	O
18	Creating visual business products	Y/615/1438	60	I	O

You can download the units from our qualification webpage.

OCR Level 2 Cambridge Technical Certificate in IT (180 GLH)

For this qualification learners must achieve 4 units.

Units 1, 2 and 17 are mandatory. There are no specialist pathways.

Key to units for this qualification

M = Mandatory

E = External assessment

I = Internal assessment

O = Optional

Learners must achieve these units

We set and mark the exam

You assess this and we moderate it

Learners can choose these units to make up the 180 GLH

Unit no.	Unit title	Unit ref. no. (URN)	Guided learning hours (GLH)	How are they assessed?	Mandatory or optional
1	Essentials of IT	L/615/1324	60	E	M
2	Essentials of cyber security	A/615/1352	30	E	M
8	Using emerging technologies	M/615/1364	30	I	O
16	Using social media channels for business	J/615/1385	30	I	O
17	Using data analysis software	L/615/1386	60	I	M

To achieve this qualification all learners must successfully master the mandatory content which is shown in the table above by an **M**. It contributes 83.3% to the qualification grade.

You can download the units from our qualification webpage.

OCR Level 2 Cambridge Technical Diploma in IT (360 GLH)

For this qualification learners must achieve 8 units.

Units 1 and 2 are mandatory in all pathways. Learner must follow a specialist pathway in which there are further pathway mandatory units and some pathway optional units.

You must make sure learners meet the requirements for their chosen pathway. We'll endorse their certificate with the pathway they've achieved.

Key to units for this qualification

M = Mandatory

E = External assessment

I = Internal assessment

O = Optional

Learners must achieve these units

We set and mark the exam

You assess this and we moderate it

Learners can choose these units to make up the 360 GLH

					Specialist pathways		
Unit no.	Unit title	Unit ref. no. (URN)	Guided learning hours (GLH)	How are they assessed ?	IT Technical Practitioner	Digital Software Practitioner	Digital Business Practitioner
1	Essentials of IT	L/615/1324	60	E	M	M	M
2	Essentials of cyber security	A/615/1352	30	E	M	M	M
3	Building IT systems	R/615/1325	60	I	M		
4	Creating programming solutions for business	F/615/1353	60	I		M	
5	Creating business solutions	L/615/1355	60	I			M
6	Participating in a project	Y/615/1357	30	I	O	O	O
7	Pitching the product	D/615/1361	30	I		O	O
8	Using emerging technologies	M/615/1364	30	I	O	O	O
9	Supporting IT functions	J/615/1368	60	I	M		
10	IT software installation and upgrade	L/615/1372	30	I	O		
11	IT hardware installation and upgrade	Y/615/1374	30	I	O		
12	Creating a computer network	T/615/1379	60	I	M		
13	Creating websites	T/615/1382	60	I		M	

					Specialist pathways		
Unit no.	Unit title	Unit ref. no. (URN)	Guided learning hours (GLH)	How are they assessed ?	IT Technical Practitioner	Digital Software Practitioner	Digital Business Practitioner
14	Creating mobile applications for business	F/615/1384	30	I		M	
15	Games creation	L/615/1436	60	I		M	
16	Using social media channels for business	J/615/1385	30	I			M
17	Using data analysis software	L/615/1386	60	I			M
18	Creating visual business products	Y/615/1438	60	I			M

To achieve this qualification all learners must successfully master the mandatory content in each specialist pathway which is shown in the table above by an **M**. It contributes to the overall grade for each pathway as follows:

- IT Technical Practitioner 75%
- Digital Software Practitioner 83.3%
- Digital Business Practitioner 83.3%

You can download the units from our qualification webpage.

5 Preparing for qualification delivery and assessment

Centre and centre assessor responsibilities

Before you plan to seek approval from us to offer these qualifications you must be confident your centre can fulfil all the responsibilities described below.

The quality of the delivery of teaching and the integrity of assessments and quality assurance is paramount. Systems have to be in place so that assessments are fair, valid, reliable, authentic and sufficient. One of the key factors behind valid, fair and reliable assessment is the expertise of those doing the assessment and internal quality assurance.

With this in mind here's a summary of the responsibilities that your centre and centre assessors **must** be able to fulfil:

- there are enough trained or qualified people to:
 - teach and assess the expected number of learners you have in your cohorts
 - internally standardise the number of assessors assessing units you offer
- all teaching staff have the relevant level of subject knowledge and skills to deliver the units you plan to offer and will fully cover the supporting knowledge, understanding and skills requirements for each unit
- any necessary resources are available for teaching and for assessment activities, to give learners every opportunity to meet the requirements of the unit and reach the highest grade possible
- there's a system of standardisation in place so that all assessment decisions for internally assessed units are consistent, fair, valid and reliable. (see 'centre standardisation' in section 8)
- there's enough time for effective teaching, assessment and internal standardisation
- every learner undertakes meaningful activity involving employers while they're studying for their Cambridge Technical Certificate or Diploma in IT
- the OCR 'Centre plan for Meaningful Employer Involvement' is completed; see 'Involving employers in teaching, learning and assessment' later in this section
- processes are in place to make sure that learners' work is authentic (see 'authenticity of learners' work' in section 8)
- any materials we provide for assessment of internally assessed units cannot be used for practice and then used again, without change, for summative assessment (see section 8)
- for internally assessed units you comply with our requirements for giving feedback to learners (see section 8)
- for internally assessed units that grades are correctly recorded in all records and accurately transcribed to the claim being submitted to us
- exams must be conducted so they comply with the **JCQ Instructions for Conducting Examinations**

- a declaration is made at the point you're submitting any work to us for assessment that confirms:
 - all assessment is conducted according to the specified regulations identified in the [OCR Administration](#) area
 - learners' work is authentic
 - grades have been transcribed accurately when completing our claim documentation.
- centre records and learners' work is kept according to the requirements below:
 - learners' work must be kept until after their qualifications have been awarded and any appeals processed. We will not consider any appeals if the centre does not keep the work
 - internal standardisation and assessment records must be kept securely for a minimum of three years after the date we've issued a certificate for a qualification.

Centre assessors, who are responsible for assessing learners' evidence for internally assessed units, must make sure that:

- learners understand what they need to do to meet the grading criteria and produce valid and sufficient evidence
- learners have access to resources they need to meet the grading criteria and produce evidence
- any assessment guidance is referred to when making assessment decisions
- learners know they must comply with the Data Protection Act 2018 and the UK General Data Protection Regulation (GDPR) when they're producing work for assessment. Learners must not reference another individual's personal details in any evidence produced for summative assessment. It's the learner's responsibility to make sure evidence that includes another individual's personal details is anonymised
- learners' work is authentic
- the learner has completed a Candidate Authentication Statement which covers every unit
- they judge learners' work against the grading criteria we provide for the units
- they record their assessment decisions and justify the grade put forward for moderation using our unit recording sheet (URS) – we provide one for each unit
- they give an appropriate level of feedback to learners, and record what feedback has been given as part of the summative assessment
- they liaise with other assessors in the centre to make sure assessment decisions are to the required standard (see 'centre standardisation' in section 8)
- they confirm the unit grade for the learner after internal standardisation (assessors can let the learner know which grade has been given but that it can't be confirmed until after our moderation)
- all relevant evidence is present and reflects centre assessment decisions against the grading criteria (and the candidate authentication statement is available) before the unit is claimed.

Guidance for delivery

The guidance about how to deliver these qualifications isn't exhaustive. You should tailor your delivery so it meets the interests and needs of your learners and local and regional employers.

You're free to deliver these qualifications using any mode of delivery that meets the needs of your learners. Whichever mode you use, your learners must have appropriate access to the resources they need to complete their learning and carry out their assignments for assessment.

You should consider the learner's complete learning experience when you're designing learning programmes. These qualifications can be part of a 16–19 study programme and there'll be ways to integrate learning required for other qualifications or to develop and maintain the skills that are essential for further study and work. For example, we know it's important to keep developing English and maths skills after GCSE. We'll help you with your curriculum planning by signposting opportunities for English and maths skills practice in the delivery guides for each pathway. You can access the delivery guides from the IT qualification page of our website.

A project-based approach to teaching and learning is an ideal way to deliver these qualifications holistically and we will help you develop your approach through our resources. We've talked with centres who deliver our qualifications about the benefits of a project-based approach to learning. They've told us:

- it reinforces a synoptic application of skills and knowledge
- it's relevant to and reflective of work
- it makes the process of learning and application more meaningful and motivating.

We've designed these qualifications to facilitate this.

Involving employers in teaching, learning and assessment

We've worked with IT businesses to make sure the learning is relevant for 16–year-olds who are going on to work in this sector.

It's essential that learners appreciate how the knowledge, understanding and skills they acquire are applied in the workplace. Involving employers also creates an engaging and motivating link to work. To this end, we will require you to involve employers in the teaching, learning and/or assessment when delivering these qualifications.

All learners must engage in activities related to learning and/or assessment where an employer has made a contribution to the activity. The employer must be directly involved in the IT sector.

We don't prescribe the amount of employer involvement but it must be significant and by that we mean it must cover one or more elements of the qualification's mandatory content. You don't have to involve employers in the delivery or assessment of every mandatory unit; we recognise it may not be possible to do this.

We require you to complete a plan of how you will do this and to sign a declaration to confirm that every learner has had access to meaningful employer involvement. You must complete the OCR 'Centre plan for Meaningful Employer Involvement' and make this available at each moderation session. You will find the plan on the qualification page of the OCR website.

Your moderator will review and report on your completion of the 'Centre plan for Meaningful Employer Involvement'. We will impose sanctions if you don't secure meaningful employer involvement for every learner. This could mean you receive a written warning from us or, if the plan is not completed, result in us withdrawing your centre approval to deliver the Cambridge Technical Certificate or Diploma in IT.

Here are eligible activities all of which are capable of covering one or more elements of the mandatory content.

You can choose those that are best suited to your learners and local circumstances. The units give specific examples.

- We allow you to design your own assignments for summative assessment and you could involve employers to help identify a scenario on which to base the assignment – a context for carrying out tasks, creating requirements for a solution that's needed, identifying a problem to be solved – and the tasks to be completed.
- Employers could be involved in delivery such as teaching a master class in a specialist area. An example is industry practitioners (who could be your college or school IT support team) being involved in the delivery of the technical aspects of a unit in the IT Technical Practitioner's pathway. Another example is the marketing department of a local business delivering a session on how social media can be used in a marketing campaign.
- While these qualifications don't call for work experience, there are practical elements in many of the internally assessed units that allow a learner to consolidate their learning and further develop their skills, knowledge and understanding if the work experience element of their study programme is directly relevant to their Cambridge Technical qualification. Work they undertake during work experience could contribute to the evidence for summative assessment. You must plan this with the learner and employer so the work allows the learner to cover the requirements of the unit and you're able to authenticate it. (Work experience only meets the requirement for employer involvement if it's relevant to the units they are studying in their Cambridge Technical in IT.)
- Employers could act as an expert witness and comment on the learner's use of skills, knowledge and understanding to complete a task or tasks that contribute to the assessment of their performance. Witnesses must comment on what they've observed the learner doing. It's the responsibility of the centre assessor to assess if what the learner has done meets the requirements of the unit.

The following activities, while valuable and still worth arranging, are **not** considered as meeting the requirement:

- simulated or provider-based working environments, for example, small manufacturing units, car servicing facilities, salons and shops
- employers hosting visits, providing premises, facilities or equipment
- employers or industry practitioners providing talks or contributing to delivery on employability, general careers advice, CV writing or interview training
- learners going to career fairs, events or other networking opportunities
- employers providing learners with job references.

Important information on teaching content in units

(The use of i.e. / e.g. in teaching content)

The teaching content in every unit tells you what you have to teach to make sure learners can access the highest grades.

Anything which follows an i.e. details what you must teach as part of that area of content.

Anything which follows an e.g. is illustrative. Where we use e.g., learners must know and be able to apply relevant examples in their work, although these don't need to be the same ones specified in the unit content.

For internally assessed units you need to make sure that any assignments you create, or any modifications you make to an assignment, don't expect the learner to do more than they've been taught, but must enable them to access the full range of grades as described in the grading criteria.

For externally assessed units, where the content contains i.e. and e.g. under specific areas of content, we'll follow these rules when we set questions for an exam:

- we may ask a direct question about unit content that follows an i.e.
- where we show unit content as an e.g. a direct question will not be asked about that example. Any questions about the area of content will give learners the opportunity to provide their own examples as the unit has not specified which examples they should be familiar with.

Initial assessment of learners

It's important that you carry out an initial assessment to identify learners' levels of knowledge and understanding and any potential gaps that need to be addressed. This will also:

- help you and the learners to identify the most appropriate optional units/qualifications
- allow you to plan the assessment
- help learners understand the best place to start generating evidence.

Prior knowledge and experience

Of course, learners may have already gained a lot of relevant knowledge and experience that you should take into account. This is particularly relevant where they're studying part-time while in work.

Recognition of prior learning (RPL) is the process for recognising learning that never received formal recognition through a qualification or certification. This includes knowledge and skills gained in school, college or university and outside formal learning situations. Evidence can draw on any aspect of a candidate's prior experience including:

- domestic/family life
- education
- training
- work activities
- voluntary activities.

We encourage the use of RPL and you should advise learners that they can bring forward any relevant learning (gained either informally or formally) so that it can be assessed against the assessment criteria specified in the unit, or units, the learner aims to complete. It is important that you make it clear to learners that the RPL process is concerned with how the learner has acquired the knowledge, understanding or skills, it does not mean the learner is exempt from the assessment e.g. mandatory exams, practical/theory tests or assignments.

The currency of knowledge and ability is often important when recognising skills and competences. Where assessment is devolved to centres through assignments or portfolio-building, you must judge the relevance of prior learning in all its aspects (including currency) to the qualification being assessed, before we will quality assure and authorise certification.

Evidence obtained through the RPL process must be assessed, to the same rigorous quality as evidence obtained through any other process.

6 Synoptic assessment

Synoptic assessment is a feature of these qualifications and it requires learners to use an appropriate selection of their skills, knowledge and understanding, acquired through all of the units that make up their qualification, in an integrated way and apply them to a key task or tasks.

This helps learners to develop their appreciation and understanding of the connections between the different elements of learning in these qualifications to help make their curriculum meaningful and better prepare them for employment in the IT sector.

In the pathway mandatory units, every learner will develop knowledge, understanding and skills which will underpin the whole qualification. Learners will draw on what they have studied in these units and apply it in their study and assessment for every other unit.

In the Certificate the learner will be required to use skills, knowledge and understanding from the other units taken across the qualification to key tasks in Unit 17, **Using data analysis software**. The **Using emerging technologies** unit identifies the sources of information and the mediums by which the data could be captured, such as wearable technology or sensors. The **Using social media for business** unit allows learners to identify platforms appropriate for the audience types where they can source or distribute different types of information. Both of these units will support the achievement of Unit 17, as the learner will understand the implications of planning data and where it will come from and the validity of the data they are working with. It will then inform their decision for selecting software for the analysis and presentation of the data for a specified client's requirements.

Unit 17 in the IT Certificate and Units 3, 4 or 5 in the Diploma should be taken as the final units as learners will draw on their skills, knowledge and understanding acquired through other units and apply what they have learned.

In the Diploma, for each pathway, Units 3, 4 and 5 require learners to use skills, knowledge and understanding from their other units. The tasks that learners complete for these units can be contextualised depending on the pathway that the learner is following.

In Unit 3, **Building IT systems**, for the IT Technical Practitioner pathway, learners will be required to support customers and users in hardware and software problems, installations and upgrades. The IT system that is built in this synoptic unit will vary based on the client requirements. The knowledge and skills gained particularly through the mandatory units within the pathway will enable the learner to consider a range of options and solutions for the proposed IT system.

In Unit 4, **Creating programming solutions for business**, for the Digital Software Practitioner pathway learners will create software for a range of business solutions. The knowledge and skills gained from the creation of different media products in the mandatory units across a range of platforms and languages will better inform the choices for the final programming solution.

In Unit 5, **Creating business solutions**, for the Digital Business Practitioner pathway, learners will be required to select the most appropriate application to create solutions to business problems. The scope of problems faced by the practitioner requires them to gain knowledge and skills across the range of business activities covered in the mandatory units through social media, data capture and analysis and the visual business products created.

7 External assessment

Summary of the externally assessed units

Unit 1 Essentials of IT	
60 GLH 45 minutes Computer based test 40 marks OCR set and marked	<ul style="list-style-type: none">comprises multiple choice questions
Unit 2 Essentials of Cyber security	
30 GLH 1 hour Computer based test 45 marks OCR set and marked	<ul style="list-style-type: none">comprises short answer questions and questions requiring more extended responses

There's one resit opportunity for all examined units.

Learning Outcome weightings

Each Learning Outcome (LO) in an externally assessed unit is given a percentage weighting. This reflects the size and demand of the content you need to cover and its contribution to the overall understanding of the unit. You'll find the weightings for each LO in the externally assessed units.

How these units are assessed

These units are available as timetabled examinations. We set the dates.

For Unit 1 achievement is graded achieved/not achieved based on reaching the required marks.

For Unit 2 achievement at unit level is graded as Pass, Merit or Distinction based on reaching the required grade boundary marks for each unit. If a learner doesn't achieve the mark required for a 'Pass' grade we'll issue an unclassified result for that unit.

We'll assess these qualifications in accordance with regulator's General Conditions of Recognition.

Your centre must provide appropriate assessment facilities for learners that comply with the JCQ [Instructions for Conducting Examinations](#).

Availability of external assessment

There are two examination series each year in January and June. You can enter your learners for different units in different exam series. You'll find full details in the [OCR Administration](#) area.

Resitting external assessment

Learners can resit an examined unit once before they complete the qualification. We'll use the best unit result from either sitting to calculate the certification result.

Your centre must make sure that when arranging resit opportunities you don't adversely affect other assessments being taken.

Arranging a resit opportunity is at your centre's discretion. You should only plan resits if it's clear the learner has taken full advantage of the first assessment opportunity and formative assessment process.

Reporting suspected malpractice

For more information about suspected malpractice see [section 8](#).

8 Internal assessment

Assignments for internal assessment

We recommend using assignments to assess learners for the internally assessed units.

An assignment has a set of related tasks with a common purpose or work-relevant reason for the learner to apply the knowledge, understanding and skills to achieve a unit. It acts as a stimulus to give learners the opportunity to generate evidence that meets the grading criteria.

The common purpose or work-relevant reason could be a scenario, a case study or brief that sets out the circumstances or reasons for completing the tasks. A scenario could describe the challenge of providing different IT support methods, or a case study could be used to inform a proposal (e.g. the impacts on a business of having a poor website, to inform learners why the website needs to be updated).

You are free to create your own assignments to reflect the local or regional needs that are most relevant to your centre. There are more details in the next section.

We'll provide model assignments for the mandatory units that are internally assessed. Our model assignments can be:

- used as they are to assess your learners
- modified to suit your local or regional environment
- used as a guide to help you design your own assignments.

These qualifications are ideal for delivering through a project-based learning programme so you can carry the project-based approach through to the assessment.

Designing your own assignments for internally assessed units

We provide an assignment checking service for Cambridge Technicals centres. When you use this service, we check that the assignment you've designed covers the grading criteria in the unit and allows every learner to reach the highest grade if they demonstrate they have the associated level of knowledge, understanding and skills. You'll find details of how to request this service on the [Cambridge Technicals](#) page.

When designing assignments you must:

- write tasks in a way that makes it clear to the learner what they must do. Don't structure tasks so they give step-by-step instructions, repeat the learning or themes of the learning, or be so prescriptive or detailed that they give the answer to the learner. Tasks must allow the learner to decide how to approach the task (what they do in what order), meaning that they can apply their learning
- set tasks that reflect the command verbs used in the grading criteria. For example, where we ask for an evaluation the task you set must allow for a qualitative judgement to be made, taking into account different factors and using available knowledge, experience and evidence. There is a command verb glossary on the IT qualification page of our website

- only specify the format of evidence when it's a requirement of the grading criteria or learning outcome. For example, for a unit on marketing where the grading criteria are about messaging, inference and persuasion in text you could ask learners to produce the content of a webpage rather than ask them to create a webpage itself
- avoid the need for excessive amounts of evidence. For example, a report can be a good way to pull together the evidence to meet several grading criteria
- make sure every learner is able to produce their own evidence. For example, if the task is to diagnose a fault in a piece of equipment and learners are given equipment to assess you have to be able to verify that the learner diagnosed the fault themselves. This could mean observing each learner or asking additional questions on how they made the diagnosis. The evidence produced will also need to demonstrate that this is what took place, through the use of witness statements, for example
- tell learners how long they should expect to spend on each task. This is for guidance, learners must be allowed sufficient time to complete the tasks. The amount of time will vary depending on the nature of the tasks and the ability of individual learners
- make sure every learner has access to the appropriate resources needed to complete the tasks
- make every effort to make sure materials:
 - support equality and diversity in the language used, in the type of tasks set and in the scenarios provided
 - are free from discrimination and stereotyping of groups or individuals on the basis of, for example, gender, ethnicity, political beliefs, cultural background.

Finally, you don't have to set the same assignment for every learner in the cohort. If a learner has work experience where they can generate evidence towards some or all of a unit you can work with the employer to tailor an assignment and enable that to happen. You can also cover more than one unit in an assignment.

Assignments for practice

You **cannot** use assignments you're going to use for summative assessment as practice materials. (Summative assessment is the assessment of learning; it's a measure of a learner's achievement and you use it as the formal assessment of a learner's knowledge, understanding and skills.)

Changing the context of an assignment will help you to manage this. If a unit calls for the learner to do a cost analysis, a practice task will of course ask them to do this. If you've provided the data they need to analyse for practice then change the data for the summative assessment. If the learner has to generate data about a specific product before analysing it then change the product to one that will generate different data.

Internal assessment and external moderation: a summary of how it works

The key features of assessment and moderation for the internally assessed units are:

- you can create assignments to assess your learners against the requirements of a unit
- where possible, assessors should draw on learners' work-based opportunities to generate evidence
- assessment of internally assessed units can take place at a time to suit you and your learners
- work for assessment is centre-assessed and assessment decisions are internally standardised within your centre
- your centre's assessment decisions are externally moderated by one of our visiting moderators
- if your centre-assessed work doesn't meet the requirements determined by the learning outcomes and grading criteria of the unit(s), the unit grade(s) will be adjusted.

Your centre will need to identify staff that will act as centre assessors. They must have suitable subject knowledge and experience to be able to make judgements about learners' achievements against the grading criteria of the unit.

You must have an effective system set up for recording assessment decisions, including decisions made during internal standardisation. Assessors must record the feedback given to learners.

You should record your comments on the Unit Recording Sheets, which you can download from the qualification webpage.

You must make sure assessment records are fully auditable. Our moderator must be able to see, for each unit, evidence of:

- who assessed the learner
- what was assessed, i.e. the unit evidence
- when the assessment took place
- what feedback was given to the learner
- when centre assessment decisions were internally standardised and by whom
- what feedback was given to the assessor, including if they agree with the assessment decision or not (and why), as well as any action points that need addressing prior to submission for moderation and/or recommendations for future consideration.

Centre standardisation

If your centre has a number of staff acting as assessors for these qualifications, you **must** carry out internal standardisation to make sure all learners' work is assessed consistently to the required standard. We have a guide on how internal standardisation may be approached on our webpages for Cambridge Technicals.

If you're the only assessor in your centre for these qualifications, then it's still advisable to make sure your assessment decisions are internally standardised by someone else either in your centre or another centre. This should be someone who has experience of the nature of these qualifications (e.g. is delivering a similar qualification in another subject) or has relevant subject knowledge. You should ask them to review a sample of the assessments. Please note, we are not able to provide information or contact details on centres offering these qualifications.

You must keep evidence of your internal standardisation in the centre for the moderator to see.

So there's a consistent approach to internal standardisation, you might decide to nominate an 'Internal Quality Assurer' (IQA).

Whoever is responsible for internal standardisation must make sure all assessors are assessing to the required standard and that all assessment decisions are fair, valid and reliable.

To do this they must:

- advise on interpretation of the standards, including feedback from previous assessments (where relevant)
- co-ordinate assessment practice
- provide advice and support to assessors
- monitor and observe assessment practice to make sure that all assessments are in-line with the required standards
- sample assessments to confirm assessors' judgements across all units and all grades
- make sure feedback is given to all assessors and documented, e.g. records of feedback
- suggest ways in which assessment may be brought into line to meet the required standard
- check that all units and all grades have been included in internal standardisation
- maintain assessment documentation
- organise regular standardisation meetings/activities/events in your centre
- identify assessor development needs
- act as arbitrator for any disagreements in outcomes of assessments, including appeals.

Taking assignments and assessing learners' work

Learners can take assignments for internally assessed units at any time within the study programme. We can moderate your claims for internally assessed units when you're ready.

We'll arrange a date to visit that is suitable for both you and our moderator.

You must plan when you expect your learners to be ready for assessment. Learners can repeat an assignment if they have not performed at their best but you must use your discretion as to whether or not this is in their best interests. We strongly advise that you leave time in your planning in case an assignment needs to be repeated.

Authenticity of learners' work

Every learner must produce their own work independently. You must put in place appropriate mechanisms to make sure that you can be confident that the work you accept as evidence of a learner's achievement is their own.

You must:

- make sure learners and centre assessors understand what constitutes plagiarism and not accept plagiarised work as evidence
- be able to distinguish individual contributions from group work
- use supervision and questioning as appropriate to confirm authenticity
- make sure learners and centre assessors confirm the work is the learner's own.

Plagiarism

Work must be free from plagiarism. Plagiarism is the submission of someone else's work as your own and/or failure to acknowledge a source correctly. Plagiarism makes up a large percentage of cases of suspected malpractice reported to us by moderators. You must make sure you don't accept plagiarised work as evidence.

In line with the policy and procedures of JCQ on suspected malpractice, the penalties applied for plagiarism would usually result in the claim not being allowed.

Plagiarism often occurs innocently when learners don't know that they must reference or acknowledge their sources, or aren't sure how to do so. It's important to make sure your learners understand:

- the work they submit must be their own
- the meaning of plagiarism and what penalties may be applied
- that they can refer to research, quotations or evidence produced by somebody else but they must list and reference their sources
- quoting someone else's work, even when it's properly sourced and referenced, isn't an indication of understanding. The learner has to 'do' something with that information to show they understand. For example, if a learner has to analyse data from an experiment, quoting data doesn't show that they understand what it means. The learner has to interpret the data and, by relating it to their assignment, say what they think it means.

Group working

Your learners can work collaboratively or in groups to carry out work towards assessment tasks. However, you must make sure that each learner generates their own individual evidence to show they've met the grading criteria.

When working in a group all learners in the group should have a responsibility and/or a role that gives them the opportunity to generate individual evidence for assessment. For example, if the unit requires learners to plan the organisation of an activity this could be managed in a group discussion. The group discusses ideas for the activity, organisational requirements, roles and responsibilities to complete the activity, etc. All learners must show that they've the skill of planning so **all** members of the group must take part in the discussion. If three members of the group contributed to the discussion and one member took notes but did not contribute to the discussion, their note taking would **not** be considered a contribution towards planning.

Supervision

We recognise that you might not be able to invigilate or directly supervise every learner as they complete their assignment. Learners can complete their assignments in their own time, at the centre or at home. If you can't supervise, you must use enough checks so you're confident the learner's work is authentic. For example you can use questioning to confirm the depth and breadth of their understanding of the topic they've covered in a specific piece of work.

Use of questioning

Asking a learner questions will help you determine if the work is their own. If you haven't been able to supervise the learner, then asking questions, for example, about how they've done the work, what processes they went through to produce it and how they've related that to the assignment, should give you a clear indication as to whether or not they've done the work themselves.

Learner and centre declaration

All learners must complete a declaration to confirm that the work they've submitted is their own. **They must do this to cover every unit.** We provide a Candidate Authentication Statement for you to use for this purpose. You'll find it on our website.

We'll also ask you to confirm this declaration when making a unit claim.

Feedback to learners

You can discuss work-in-progress towards summative assessment with learners to make sure it's being done in a planned and timely manner. It also provides an opportunity for you to check the authenticity of the work. You must intervene if you feel there's a health and safety risk.

Feedback mustn't provide specific advice and guidance that would be construed as coaching as it would compromise the learner's ability to independently perform the task(s) they are doing and constitutes malpractice.

You can annotate your feedback on the learners' original work submitted for assessment or you can record it in your own separate document (whichever method you use it must be available to our moderator).

Your feedback should:

- be supportive, encouraging and positive
- inform the learner of what you've noticed, not what you think (for example if you have observed the learner completing a task you can describe what happened, what was produced and what was demonstrated).

Your feedback can:

- identify that the learner hasn't met the command verb. For example, 'This is only a description, not an evaluation'
- identify what area of work could be improved but not detail how to improve it. You can remind learners about what they were taught but not how to apply it to improve the work.

Your feedback must not:

- be so detailed that it provides a step-by-step guide on what to do
- coach the learner on how to achieve or complete the task
- provide detail on where to find information/evidence.

In other words, your feedback mustn't tell the learner what they need to do to improve their work. The learner needs to think how to apply their learning and your feedback. You mustn't do the work for them.

Taking an assignment for summative assessment

You must provide your learners with the relevant resources they need to do the assignment. This could include:

- specialist equipment
- software
- people/participants
- practical space.

When learners are working on their evidence you can ask questions about what they're doing to encourage them, make sure they understand what the tasks are and check they're making progress. You can't tell them how to complete the tasks in a way that would be tantamount to doing the work for them. You mustn't coach learners when they're doing their assignment for assessment, as this would give them an unfair advantage. Please see the previous section 'Feedback to learners'.

You should set a realistic date for submitting the assignment, having considered the purpose of the unit and how that might affect timescales. We don't specify what the submission time for the assignment should be – we think it's best to leave this decision to your professional judgement.

What evidence is needed to assess a learner?

The learner's evidence should be in an appropriate format to demonstrate their skills, application of knowledge and understanding as specified in the grading criteria for a unit.

You should discuss with learners what the most suitable sources of evidence are. It isn't the quantity of the evidence they've produced that's important - it's the quality and breadth, that they've produced it themselves, and that it meets the grading criteria.

Evidence could be written work, audio/visual recordings, digitally formatted documents, a product or photographs of the product. It is recommended that the actual work products are made available on a PC for the moderator to review e.g. the actual website or game they created or the virtual or augmented reality resource.

Evidence can come from a number of sources. The main ones are:

- outcomes of assignments, tasks or work-based activities (through projects or real work)
- observation of practice
- responses to questions
- witness statements.

Learners should make sure their work is clearly presented, referenced and ordered to help in the assessment.

The same evidence can contribute to more than one unit as long as it clearly meets the relevant grading criteria. For moderation, it must be clear which part of that evidence meets each unit.

Learners mustn't reference another individual's personal details in any evidence produced for summative assessment. It's the learner's responsibility to make sure evidence that includes another individual's personal details is anonymised to comply with the Data Protection Act 2018 and the UK General Data Protection Regulation (GDPR).

Witness statements

Witness statements can be a useful way of providing supporting evidence where a skill is being used which isn't easily represented in portfolio evidence. They're supplementary evidence of what the learner has done and are to be used in conjunction with other evidence. For example, a witness statement could support evidence of a learner delivering a presentation alongside the actual presentation and speaker notes.

Witness statements should be suitably detailed, for each learner, to enable the centre assessor and our moderator to determine if the grading criteria have been met. You should use the witness statement template available on our website.

Assessing work for summative assessment

Once your learners have completed everything they need to do for their assignment, they must submit their work to you to be assessed. You must be convinced, from the evidence presented, that learners can work independently to the required standard.

You must judge or 'mark' the work against the grading criteria for the unit and identify a grade. Please annotate the work to show where the evidence indicates they've achieved

the grading criteria. Your centre must internally standardise the assessment decisions for the cohort and do this before you give feedback to the learner.

When you're confident the learner has demonstrated that they've met all the requirements of the unit, for at least a pass grade, you can submit a claim to us for moderation.

You mustn't add, amend or remove any work after it's been submitted to us for final assessment.

Resubmitting work for summative assessment

If you and the learner feel they haven't performed at their best during the assessment, the learner can, at your discretion, improve their work and resubmit it to you for assessment. You must be sure it's in the learner's best interests to re-attempt the assessment.

You should set a realistic date for the resubmission of work having considered the purpose of the unit and what the learner intends to improve. You must record the reasons why you've allowed them to resubmit in your centre's assessment decision records. You must also follow our guidelines on giving feedback and record the feedback you give them on the original work. We monitor the assessment decisions you make.

You mustn't encourage multiple re-submissions of work. Re-submission at the centre assessment stage is intended to allow the learner to reflect on feedback and improve, but not to be an iterative process where they make small modifications through on-going feedback to eventually achieve the desired level.

Reporting suspected malpractice

It is the responsibility of the Head of Centre¹ to report all cases of suspected malpractice involving centre staff or candidates. A JCQ Report of Suspected Malpractice form (JCQ/M1 for candidate suspected malpractice or JCQ/M2 for staff suspected malpractice) is available to download from the [JCQ website](#) and should be completed as soon as possible and emailed as follows:

- **Internal assessments and paper-based examined tests** – malpractice@ocr.org.uk.
- **On-screen tests** – etest@ocr.org.uk. You should title your email '[Qualification name] Suspected Malpractice Notification' as the subject, inserting the qualification name where indicated.

When asked to do so by OCR, Heads of Centres are required to investigate instances of suspected malpractice promptly and report the outcomes to OCR.

More information about reporting and investigating suspected malpractice and the possible sanctions and penalties which could be imposed, is contained in the [JCQ Suspected Malpractice Policies and Procedures document](#) available from the [JCQ website](#). Centres may also like to refer to the [OCR Website](#) for more details.

¹ This is the most senior officer in the organisation, directly responsible for the delivery of OCR qualifications, e.g. the Head Teacher or Principal of a school/college. The Head of Centre accepts full responsibility for the correct administration and conduct of OCR exams
OCR Level 2 Cambridge Technical Award in Digital Business Technologies, Certificate and Diploma in IT
Version 5, June 2024

9 External moderation

Your assessment decisions are externally moderated by an OCR visiting moderator. You have the choice of virtual or face-to-face moderation visits.

The arrangements for these are explained in the [OCR Administration](#) area.

External moderation makes sure centres have made the correct assessment decisions. Our moderator will confirm or adjust the grade you've given to a learner's work and provide feedback to you on the decisions they've made.

External moderation of a centre's assessment decisions is achieved through systematic sampling of the work submitted for moderation. The outcome of the sampled moderation will apply to all learners' work submitted for that unit in the claim.

Each centre can have up to two visits per academic year (subject to centre activity). Additional chargeable visits can be arranged, for more details refer to the [OCR Administration](#) area.

On the basis of the sample taken, our moderator will either **agree** in the main with your centre's assessment decisions or **disagree** with them in relation to particular units.

If the decision is **agree**, your centre's assessment decisions for all learners' work entered for moderation on that occasion, i.e. in the single claim submitted for moderation, will be confirmed by our moderator once moderation is completed.

If the decision is **disagree**, our moderator will provide feedback to your centre. Disagreement is usually down to one of the following:

- work doesn't meet the required standard for the grading criteria claimed by the centre
- assessment in the sample is inconsistent
- some evidence is missing or hasn't been cross-referenced to the grading criteria, so our moderator can't find it
- there's no evidence of assessment having taken place.

Our moderator will prepare a full report that will include comments on the accuracy of assessment and centre actions, if appropriate, for future assessments.

Where the moderator confirms the assessment decisions, they'll submit the claims to us for processing.

10 How to calculate the qualification grade

Grading

Centre-assessed units

These units are assessed by your centre and externally moderated by us.

Each unit has specified grading criteria for Pass, Merit and Distinction.

A summative unit grade can be awarded at Pass, Merit or Distinction:

- to achieve a 'Pass' a learner must have satisfied **all** the 'Pass' grading criteria
- to achieve a 'Merit' a learner must achieve **all** the 'Pass' grading criteria and **all** the 'Merit' grading criteria
- to achieve a 'Distinction' a learner must achieve **all** the 'Pass' grading criteria and **all** the 'Merit' grading criteria and **all** the 'Distinction' criteria.

If a learner doesn't meet all the 'Pass' grading criteria, we issue an unclassified result for that unit.

Externally assessed units

We mark and assess all externally assessed units. We mark each one according to a mark scheme.

Unit 1 is graded achieved/not achieved based on reaching the required marks.

Unit 2 is graded pass/merit/distinction based on the number of marks attained in the assessment.

Qualification

We grade the overall qualification using a structure of Pass, Merit, Distinction, and Distinction* (Distinction* is not used in the Award). Learners who don't achieve a pass in the required units will be unclassified.

If a learner resits an examined unit (they can resit an examined unit once before completing the qualification) or resubmits an internally assessed unit, we use the best unit results to calculate the overall grade to make sure they get the best possible grade for their full qualification.

We'll print the pathways achieved on learners' full qualification certificates.

Calculating the qualification grade for the Award

To be awarded this qualification, a learner must achieve at least a Pass grade for units making up (a minimum of) 90 GLH. If they don't, they won't be awarded the qualification.

Learners will be awarded a Pass, Merit or Distinction qualification grade determined by the aggregation of points gained through the successful achievement of individual units.

The number of points available for each unit depends on the unit grade achieved.

Points available for unit grade achieved

You'll find details of unit GLH in 'How these qualifications are structured' in section 4.

The table below shows the number of points issued for each grade.

Unit GLH	Points table for units based on GLH			
	Pass	Merit	Distinction	unclassified
30	7	8	9	0
60	14	16	18	0

To calculate the learner's qualification grade

You'll need to add up all the points for the units the learner has achieved, making sure they've covered the appropriate content for the qualification.

Having calculated the total number of points based on the unit grades you'll check this figure in the [qualification grade table](#), for the relevant qualification, to identify the overall qualification grade. If a learner doesn't achieve the lowest points score required for the qualification, we issue an unclassified result.

Depending on the optional units achieved, it is possible for learners to achieve more GLH than is needed for the qualification. Where this happens, in order to calculate the overall qualification grade, the points for the 'surplus' GLH are removed from the optional unit with the weakest grade. This has no effect on the grade for the unit.

Example A

Learner A has taken 2 units.

The calculation would be:

Unit	GLH	Grade	Number of points
11	30	Merit	= 8 points
17	60	Pass	= 14 points
Total GLH	90	Total number of points	= 22 points

In this example, Learner A has an overall qualification grade of a Pass.

Calculating the qualification grade for the Certificate or Diploma

Unit 1 is graded achieved/not achieved based on reaching the required marks. An achievement in this unit will be awarded 20 points.

To be awarded a full Certificate or Diploma qualification, **a learner must achieve unit 1 and at least a Pass grade for all other units** required for the qualification. If they don't do so, they won't be awarded the qualification.

Learners will be awarded a Pass, Merit, Distinction or Distinction* qualification grade determined by the aggregation of points gained through the successful achievement of individual units.

The number of points available for each unit depends on the unit grade achieved.

Points available for unit grade achieved

You'll find details of unit GLH in 'How these qualifications are structured' in section 4.

The table below shows the number of points issued for each grade.

Unit GLH	Points table for units based on GLH			
	Pass	Merit	Distinction	unclassified
30	7	8	9	0
60	14	16	18	0

An achievement of unit 1 will be awarded 20 points.

To calculate the learner's qualification grade

You'll need to add up all the points for the units the learner has achieved, making sure they've covered the appropriate mandatory content for the chosen pathway/qualification.

Having calculated the total number of points based on the unit grades you'll check this figure in the [qualification grade table](#), for the relevant qualification, to identify the overall qualification grade. If a learner doesn't achieve the lowest points score required for the qualification, we issue an unclassified result.

Example A

Learner A has taken units in the IT Technical Practitioner Pathway:

The calculation would be:

Unit	GLH	Grade	Number of points
1	60	Achieved	= 20 points
2	30	Merit	= 8 points
3	60	Pass	= 14 points
6	30	Merit	= 8 points
9	60	Distinction	= 18 points
10	30	Pass	= 7 points
11	30	Distinction	= 9 points
12	60	Pass	= 14 points
Total GLH	360	Total number of points	= 98 points

In this example, Learner A has an overall qualification grade of a Merit.

Example B

Learner B has taken units in the Digital Business Practitioner Pathway

The calculation would be:

Unit	GLH	Grade	Number of points
1	60	Pass	= 20 points
2	30	unclassified	= 0 points
5	60	Merit	= 16 points
6	30	Distinction	= 9 points
7	30	Pass	= 7 points
16	30	Merit	= 8 points
17	60	Distinction	= 18 points
18	60	Merit	= 16 points
Total GLH	360	Total number of points	= 94 points

In this example, while Learner B has enough points to be eligible for a Pass, they wouldn't be awarded it because they haven't achieved at least a Pass for Unit 2, an unclassified result would be issued.

OCR Level 2 Cambridge Technical Award in Digital Business Technologies (90 GLH)

The table below shows the points ranges and the grades that those ranges achieve.

Points range	Grade	
26-27	Distinction	D
23-25	Merit	M
21-22	Pass	P
Below 21	Unclassified	U

OCR Level 2 Cambridge Technical Certificate in IT (180 GLH)

The table below shows the points ranges and the grades that those ranges achieve.

Points range	Grade	
55 and above	Distinction*	D*
53-54	Distinction	D
51-52	Merit	M
48-50	Pass	P
Below 48	Unclassified	U

OCR Level 2 Cambridge Technical Diploma in IT (360 GLH)

The table below shows the points ranges and the grades that those ranges achieve.

Points range	Grade	
107 and above	Distinction*	D*
103-106	Distinction	D
97-102	Merit	M
90-96	Pass	P
Below 90	Unclassified	U

11 Certificate and results

Claim a qualification

For the internally assessed units, there are no specific deadlines for claiming the units. However, it's important to make claims only when you're confident the learner has met the requirements for the unit.

For examined units, the assessment is time-tabled and we'll issue results according to the schedule given in the [OCR Administration](#) area.

We can only award a qualification and issue a certificate for it once the learner has achieved all the units required for the qualification they've been entered for.

You shouldn't make a claim unless, in the final opinion of your centre, the evidence meets the requirements for certification.

Certificates

We'll put the regulated qualification titles and numbers on learners' certificates.

We'll issue a certificate confirming achievement of the qualification directly to your centre for successful learners. This is an automated process, you don't need to claim or 'cash-in' a full qualification.

Unit certificates will not be issued as standard; however, a unit certificate can be requested by the centre. The unit certificate will be free of charge providing it is claimed within 2 years (24 months) of the learner being entered for the qualification.

If a learner can't complete the full qualification you can print a candidate achievement report showing individual unit results, from OCR Interchange, or you can make a specific request for unit certificates.

Refer to the [OCR Administration](#) area, certificates, for full details.

Replacement certificates

For details on replacement certificates refer to the [OCR Administration](#) area, certificates.

Review of results

Under certain circumstances, you may wish to query the result(s) issued to one or more learners.

To find out more about this, please refer to the JCQ **Post-Results Services** document and the [OCR Administration](#) area, post results services.

12 Administration and other information

For information on how to administer these qualifications please follow the link to the [OCR Administration](#) area.

You'll find all the details about how the qualifications run, what you need to do and when. It covers everything from becoming an OCR centre, to making entries, claiming certificates, special arrangements and contacting us for advice.

Collecting evidence of learner performance to ensure resilience in the qualifications system

Regulators have published guidance on collecting evidence of learner performance as part of long-term contingency arrangements to improve the resilience of the qualifications system. You should review and consider this guidance when delivering this qualification to learners at your centre.

For more detailed information on collecting evidence of learner performance please visit our [website](#).

Avoidance of bias

We've taken great care in preparing these qualifications to avoid bias of any kind. We've given special focus to the eight strands of the Equality Act with the aim of making sure both direct and indirect discrimination are avoided.

Accessibility

There can be adjustments to standard assessment arrangements on the basis of the individual needs of learners.

It's important that you identify as early as possible whether learners have disabilities or particular difficulties that will put them at a disadvantage in the assessment situation and choose a qualification or adjustment that allow them to demonstrate attainment.

The responsibility for providing adjustments to assessment is shared between your centre and us. Please read the [JCQ document](#) **Access Arrangements and Reasonable Adjustments**.

If you have learners who need a post-examination adjustment to reflect temporary illness, indisposition or injury at the time the assessment was taken, please read the JCQ document **A guide to the special consideration process**.

For more information on access arrangements refer to the [OCR Administration](#) area, preparation.

If you think any aspect of these qualifications unfairly restricts access and progression, please email or call our Customer Support Centre.

13 Contacting us

Feedback and enquiries

We aim to provide consistently great customer service and your feedback is invaluable in helping us to achieve our goal. For questions about our qualifications, products and services, please contact the [Customer Support Centre](#). To leave your feedback on the OCR website, people and processes please use our [feedback form](#).

Telephone: 01223 553998

Email: support@ocr.org.uk

You could also visit our [website](#) for more information about our qualifications.

Complaints

We are committed to providing a high quality service but understand that sometimes things can go wrong. We welcome your comments and want to resolve your complaint as efficiently as possible. To make a complaint please follow the process set out on our [website](#).

Appendix A Performance descriptors

The performance descriptors indicate the level of attainment associated with Pass, Merit and Distinction at Level 2.

They are used in developing units and assessment criteria, setting assessment materials and determining grade boundaries (where applicable) at awarding meetings. They give a general indication of the levels of attainment likely to be shown by a representative learner performing at these boundaries.

The descriptors must be interpreted in relation to the content in the units and the qualification as a whole; they are not designed to define that context. The grade awarded will depend in practice on the extent to which the learner has met the learning outcome(s) overall. Shortcomings in some aspects of the assessment may be balanced by better performance in others.

Level 2 Pass

At Pass, learners will demonstrate a good level of IT knowledge. They will draw on the knowledge, skills and understanding they have acquired through the learning process to select and utilise knowledge and skills within situations and scenarios provided to them. Information that is presented will show a reasonable level of understanding with evidence of ideas/points being connected in a logical way. Skills will be deployed competently in practical contexts. The development of higher order skills of analysis and evaluation will be accessed less readily as learners find further development and application of their understanding and skills to more complex problems/less familiar contexts a challenge. There may be occasional errors of grammar, punctuation and spelling but this does not affect meaning.

Level 2 Merit

At Merit, learners will demonstrate a good level of IT knowledge. They will draw on the knowledge, skills and understanding they have acquired through the learning process to select and utilise knowledge and skills within situations and scenarios provided to them and occasionally to those less familiar. Information that is presented will show a sound level of understanding with evidence of ideas/points being connected in a logical way although these points/ideas may remain underdeveloped and not consistently aligned with the context provided. Skills will be deployed competently in practical contexts and learners will apply these skills to test or modify solutions and resolve issues. The development of some of the higher order skills of analysis will be secured and demonstrated on a consistent basis whereas an evaluative approach involving the consequence of a particular course of action or considering different viewpoints may prove to be more challenging. Writing will be reasonably fluent with some sense of style and well-structured sentences and paragraphs. There may be occasional errors of grammar, punctuation and spelling but this does not affect meaning.

Level 2 Distinction

At Distinction, learners will demonstrate a comprehensive level of IT knowledge. They will draw on the knowledge, skills and understanding they have acquired through the learning process to select and utilise knowledge and skills within situations and scenarios that are both provided to them and those that are less familiar. Information that is presented will show a detailed level of understanding with evidence of ideas/points being connected in a logical and sophisticated way. Skills will be deployed competently in practical contexts and learners will apply these skills to test or modify solutions, resolve issues, justify decisions and make recommendations for alternative courses of action. The higher order skills of analysis and evaluation will be secure as learners make reasoned judgements and draw perceptive conclusions. Learners will express ideas clearly and fluently. Any minor errors of grammar, punctuation and spelling will not affect meaning.

Appendix B Opportunities for applying learning across units

You must consider the relationship between the units when you plan the learning programme. To help you with your delivery planning most units highlight opportunities for synoptic teaching and learning.

The table below identifies opportunities for developing links between teaching and learning with other units in the IT suite.

		Links to the other units																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Original unit	1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3	✓	✓				✓			✓	✓	✓	✓						
	4	✓	✓	✓			✓	✓	✓					✓	✓	✓			
	5	✓	✓	✓			✓	✓	✓								✓	✓	✓
	6	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	7	✓	✓	✓	✓	✓	✓		✓					✓	✓	✓	✓	✓	✓
	8	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓			✓	✓
	9	✓	✓	✓			✓		✓		✓	✓	✓						
	10	✓	✓	✓			✓		✓	✓		✓	✓						
	11	✓	✓	✓			✓				✓		✓						
	12	✓	✓	✓			✓		✓	✓	✓		✓						
	13	✓	✓	✓	✓		✓	✓	✓					✓	✓	✓			
	14	✓	✓	✓	✓		✓	✓	✓					✓		✓			
	15	✓	✓	✓	✓		✓	✓	✓					✓	✓				
	16	✓	✓			✓	✓	✓										✓	✓
	17	✓	✓			✓	✓	✓	✓									✓	✓
	18	✓	✓			✓	✓	✓	✓									✓	✓

The qualifications are made up of units which can feature in one or more of the qualifications in the IT suite.

Unit 17 in the IT Certificate and Units 3, 4 or 5 in the Diploma should be taken as the final units as learners will draw on their skills, knowledge and understanding acquired through other units and apply what they have learned.

Appendix C Key updates to this handbook

Section	Title of section	Change	Version and date issued
Throughout		Hyperlinks updated	Version 5 June 2024
9	External moderation	Added - You have the choice of virtual or face-to-face moderation visits.	
12	Collecting evidence of learner performance to ensure resilience in the qualifications system	New section added	
All sections		Updated Hyperlinks	Version 4 May 2021
5 and 8	Preparing for qualification delivery and assessment Internal Assessment	References to Data Protection Act updated	
13	Contacting us	Contact details updated	
All sections		Updated Hyperlinks	Version 3 July 2020
1, 2 and 7	Qualification Overview About these qualifications External assessment	Reference to Unit 1 amended to read 'is graded achieved/not achieved'	
3	Qualification resources, support and useful links	Updated information about Skills Guides, the assignment checking service and Professional Development. Removed reference to the Online Community	
8	Internal assessment	Updated information about the assignment checking service	
13	Contacting us	Updated information	
All sections	.	Amended reference from the Admin Guide to the new Administration area on the OCR website and refreshed all hyperlinks	Version 2 May 2017
2	About these qualifications - How are these qualifications graded?	Updated information about the Award	

Section	Title of section	Change	Version and date issued
10	How to calculate the qualification grade	Updated to include a separate page for the Award.	Version 2 May 2017

For more information visit

 ocr.org.uk/computing

 facebook.com/ocrexams

 twitter.com/ocr_ict

 instagram.com/ocrexaminations

 linkedin.com/company/ocr

 youtube.com/ocrexams

Call our customer support centre on
01223 553998

Alternatively, you can email us on
computerscience@ocr.org.uk

Visit our online support centre at
support.ocr.org.uk



CAMBRIDGE
UNIVERSITY PRESS & ASSESSMENT

OCR is part of Cambridge University Press & Assessment, a department of the University of Cambridge.

For staff training purposes and as part of our quality assurance programme your call may be recorded or monitored. ©OCR 2024 Oxford Cambridge and RSA Examinations is a Company Limited by Guarantee. Registered in England. Registered office The Triangle Building, Shaftesbury Road, Cambridge, CB2 8EA. Registered company number 3484466. OCR is an exempt charity.

OCR operates academic and vocational qualifications regulated by Ofqual, Qualifications Wales and CCEA as listed in their qualifications registers including A Levels, GCSEs, Cambridge Technicals and Cambridge Nationals.

Cambridge University Press & Assessment is committed to making our documents accessible in accordance with the WCAG 2.1 Standard. We're always looking to improve the accessibility of our documents. If you find any problems or you think we're not meeting accessibility requirements, please [contact us](#).