Qualification awaiting accreditation

CAMBRIDGE OCR

Sample assessment material

Instructions for teachers

Cambridge OCR Level 2 Foundation Certificate in

Digital Systems and Data

J002

Unit R203: Installing digital systems

Version 0.1 | November 2026

ocr.org.uk/foundationcertificates

Introduction

These are the instructions for teachers to accompany the sample Cambridge OCR-set assignment.

Summary of updates

Section	Change	Version	Date
N/A	First draft – Awaiting accreditation.	0.1	11th November 2026

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Sample assessment material

Instructions for teachers

Cambridge OCR Level 2 Foundation Certificate in Digital Systems and Data

Unit R203: Installing digital systems

Scenario Title: Community Digital Learning Centre (CDLC)

These are the instructions for teachers to accompany the sample Cambridge OCR-set assignment.

For use by students beginning the qualification in <month> 20XX.

The Cambridge OCR-set assignment is valid for assessment from <month> 20XX to <month> 20XX.

The sample assignment **must not** be used for live assessment of students.

Sample

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Sample

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Information and instructions for teachers

Using the Cambridge OCR-set assignment

The assignment for students for this unit will be available on Teach Cambridge from <month> 20XX. The dates for which the assignment may be used for assessment are on the front cover.

The assignment is available to support teacher preparation and planning.

We have estimated that this assignment will take about 10 hours of supervised time to complete.

You **must not** share the assignment with students before the live assessment sessions you have scheduled. Students are expected to complete several weeks of teaching and preparation before beginning the assessment and this should be focussed on the unit content, not the live assignment.

You must keep the assignment secure before assessment sessions begin. When planning, you must define the full period during which students will complete the assignment. Students must not have access to the assignment outside this period, unless they are completing a reattempt in accordance with the reattempt arrangements.

The assignment provides a scenario and set of related tasks.

- Task 1 will require students to: plan the delivery of the digital system required by the scenario.
  We estimate this task will take 2 hours to complete.

- Task 2 will require students to: connect, install, configure, verify and maintain the planned digital system, including fault correction following verification plus routine maintenance and system checks to support continued operation and performance.
  We estimate this task will take 6 hours to complete.

- Task 3 will require students to: consider if the current security of the digital system configured in Task 2 can meet the new requirements given in the scenario and the actions that can be taken to improve its security.
  We estimate this task will take 2 hours to complete.

The assignment:

- Is written so that students have the opportunity to meet the requirements of all assessment criteria for the unit.
- Will tell students if their evidence must be in a specific format. If the task does not specify a format, students can choose the format to use.
- **Must** be completed under teacher supervision. Any unsupervised time allowed will be stated below and explained in the assessment guidance.
- Contains 4 synoptic marks. These are indicated with an (S).

Sample

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You **must**:

- Use a Cambridge OCR-set assignment for summative assessment of students.
- Familiarise yourself with the assessment criteria and assessment guidance for the tasks. These are given at the end of each student task. They are also with the unit content in **Section 3** of the Specification.
  Assessment guidance is only given where additional information is needed. There might not be assessment guidance for each criterion.
- Read and understand **all** the rules and guidance in **Section 5** of the Specification **before** your students start the set assignment.
- Make sure that your students complete the tasks and that you assess the tasks fully in line with the rules and guidance in **Section 5** of the Specification.
- Give your students the **Foundation Certification in Digital Systems and Data Student guide to NEA assignments before** they start the assignment.

You **must not**:

- Use live Cambridge OCR-set assignments for practice or formative assessment. This sample assessment material **can** be used for practice or formative assessment.
- Use this sample assessment material for live assessment of students.
- Allow group work for **any** task in this assignment.
- Change any part of the Cambridge OCR-set assignments or assessment criteria.

Sample

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Information for delivering tasks

Task	Requirements and resources
General	You do not need to disable internet access for any task in this assignment. Students **must** ensure any use of the internet or any other source is fully referenced in line with the guidance provided in the Specification.
Task 2	Students **must** have access to digital system components that they will be able to work on **individually** without restrictions. They **must** be able to: • Connect and configure hardware components • Install and configure software components • Configure authentication measures and access permissions • Apply secure configuration settings • Verify the operation of the digital system • Perform routine maintenance activities • Record configuration and maintenance activities The composition of the digital system, as well as the available resources, software and tools, **must** be sufficient to ensure that students are able to achieve all the assessment criteria. When students are provided with hardware components to connect and configure, all relevant health, safety and secure equipment handling procedures **must** be followed. A Risk Assessment **must** be completed by the centre before students undertake the assignment. Teachers **must** intervene if there is a health and safety risk and reflect this in the assessment if the student required support to work safely and independently when completing the activities required for this task.
Task 2	Teacher observation is required for each student as evidence of manufacturing a mechanical prototype (Task 4, Topic 4). The teacher observation record must describe whether the processes and equipment/tools were set up, operated and shut down appropriately and whether their use was appropriate to the required task. You will find the teacher observation record form in the set assignment.

Sample

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