



# Level 2 Certificate in Understanding Coding

**Dates:** 01/08/2024

**Locations:** Online

Please note: this course is only available to learners in England outside Greater London and outside the combined authorities of: Cambridgeshire and Peterborough, Greater Manchester, Liverpool City Region, Tees Valley, West of England, West Midlands, North East, Sheffield City Region, and West Yorkshire.

This qualification is designed for learners who want to gain knowledge of coding. The qualification may also support progression into further study in coding or other topics within the digital sector.

## Entry Requirements

This qualification is designed for learners who are looking to gain an introduction to coding. It will support the learner to progress into further study and support those interested in progressing to employment in a coding or IT related role. Learners may find it helpful if they've already achieved a Level 1 Digital Skills or Information Technology related qualification.

## What topics does the course cover?

To be awarded the Level 2 Certificate in Understanding Coding, learners must successfully complete 5 mandatory units:

- Understand the principles of coding
- Understand terminology used in coding
- Understand coding design principles
- Understand the processes and practice of coding
- Understand the important of communication and project management in coding

## How will I be taught and assessed?

You will be provided with online learning materials which covers all aspects of your course. You will be required to complete assessments for each of the units within the course and submit these by the deadline dates provided at induction. You will be allocated an assessor at the start of your course and they will support you to ensure you have a successful outcome. IT skills will be developed throughout your course and basic English skills will be assessed and discussed on an ongoing basis.

## Are there any other costs or equipment I need to get?

The course is free if you meet the eligibility criteria. You must be a UK resident or have lived in the UK for 3 years or more and be aged 19 or older on 31 August 2024. You will need internet access so that you can respond to email and a digital device that will enable you to type your answers into a web-based platform.

## By the end of the course what should I be able to do?

By the end of the course, learners should be able to understand:

The principles of coding

The stages of the software development cycle

Coding terminology and the key principles of writing code

Different coding types

- best practices in coding
- methods of testing and the DevOps process
- effective communication and project management in coding

## What are the progression opportunities following this course?

Learners who achieve this qualification could progress to:

Level 3 Certificate in Coding Practices

Level 3 Certificate or Diploma in IT User Skills

Level 3 Certificate in Programming