

## Learner overview

### NCFE Level 4 Award in Programming (603/7501/2)

603/7501/2/PYT – Python pathway

603/7501/2/C# – C# pathway

603/7501/2/PHP – PHP pathway

#### Qualification content, structure and outcomes

This qualification aims to:

- focus on the study of programming
- offer breadth and depth of study, incorporating a key core of knowledge
- provide opportunities to acquire a number of practical and technical skills

The objectives of this qualification are to:

- understand and use the fundamentals of programming, including how code and algorithms work; data types, statements and syntax; functions, objects, classes and libraries
- understand and demonstrate how to debug and test code
- understand the significance of emerging technology when working in programming
- understand and use programming concepts that are specific to their chosen programming language
- plan, create and review a program in their chosen programming language

To be awarded the NCFE Level 4 Award in Programming (603/7501/2) learners are required to successfully complete 2 mandatory units.

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#### Similar qualifications

We do not currently offer different-sized versions of this qualification, there is only one qualification with a similar title which is the Level 4 Award in UX/UI.

This qualification is designed for learners who are working or would like to work in computer programming or development and want to increase their knowledge, skills and understanding or seek an opportunity for relevant employment.

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#### Other ways you could achieve the same outcome

Funding may not be available so you may need to apply for a loan to support you through this qualification. This qualification is not available as part of an apprenticeship.

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## How this qualification supports the identified outcome

Learners who achieve this qualification could progress to:

- Level 5 in Computing
  - backend developer
  - software engineer (or similar role)
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