London Borough of Hounslow

LEARNHOUNSLOW

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Coding with Python

About the course

The objective of this introductory, non-qualification course is to familiarise learners with the programming language of Python.

You will learn the basic concepts of computer programming to understand how programming works and some of the technical vocabulary of programming languages. You will learn and practise using the programming language: Python. You will develop skills to design and code a simple computer program which you will test and review and make improvements where needed.

Course Learning Outcomes

By the end of the course, you will:

- Know the basic principles of programming.
- Be able to design a simple computer program in response to a client's brief.
- Be able to develop the program using the Python language.
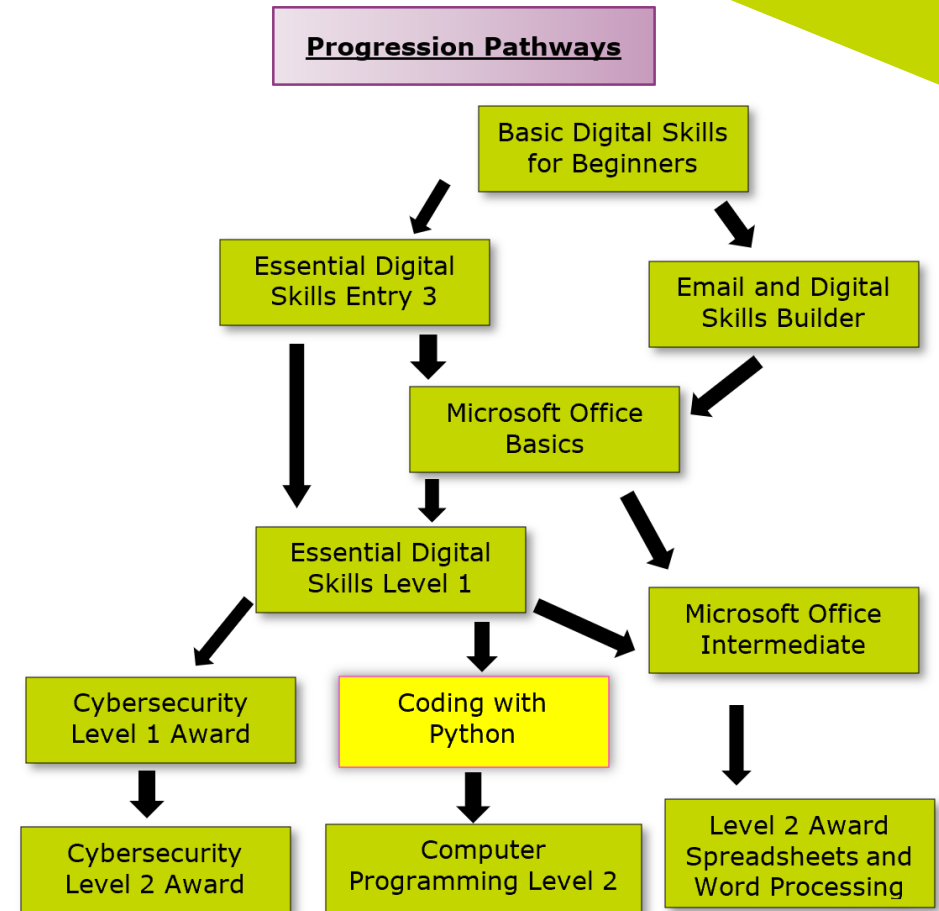- Be able to test and review the program.

**Please note**: **To successfully complete this course you must commit to 100% attendance and punctuality**.

You are committing to 2 x 2hr lesson a week for 6 weeks.

What is needed for the course?

- Please bring a notebook and a pen with you, to take notes.
- If you have a device you may wish to bring it with you during the course.
- You will have an Essential Digital Skills qualification at Level 1 or equivalent level of skills to do this course.

**If you need any additional support, please call us.**

Progression Pathways

Basic Digital Skills for Beginners → Essential Digital Skills Entry 3 / Email and Digital Skills Builder → Microsoft Office Basics → Essential Digital Skills Level 1 / Microsoft Office Intermediate → Cybersecurity Level 1 Award / Coding with Python / Level 2 Award Spreadsheets and Word Processing → Cybersecurity Level 2 Award / Computer Programming Level 2

We can also provide you with information, advice and guidance for employment or further learning.

- Please speak with your tutor or
- Call 020 8583 6174 to speak to an advisor or
- Email work@hounslow.gov.uk or
- Visit www.workhounslow.co.uk

WORKHOUNSLOW