DEVELOP:CODING

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Our 4-week Level 2 Develop: Coding course is designed to introduce you to the core principles of modern software development, an introduction to programming and web development using our project based, immersive learning approach.

In week one if eligible, you will complete a Level 1 Digital Functional Skills qualification and in weeks two-four a Level 2, Accredited Certification in IT User Skills (Open Systems & Enterprise).

This course is for those with or without experience, however no technical knowledge is required.

You will complete practical, hands-on sessions to demonstrate your knowledge and you will create a website using Python to build a text-based game.

This is a full-time, remote course, running 09:30am-5:30pm, Monday to Friday for 4 weeks.

✓ **TLM | Level 1 | Accredited Certification in Digital Functional Skills**

✓ **TLM | Level 2 | Accredited Certification in IT User Skills (Open Systems & Enterprise)**

What will you learn?

Week One

In week one you will complete a Level 1 Accredited Digital Functional Skills (DFSQs), a crucial aspect of the National Standards for Essential Digital Skills. This encompasses both Essential Digital Skills and Digital Functional Skills qualifications.

Completing the (DFSQ) will contribute to solid groundwork for future employment opportunities and continued learning.

- Unit 01 : Using devices and handling information
- Unit 02: Creating and editing
- Unit 03: Communicating
- Unit 04: Transacting
- Unit 05: Being safe and responsible online

What will you learn?

Week Two

In week two you will be introduced to the virtual learning environment, meet your development team, and download all of the software you need to become a developer. You will then learn about HTML and CSS, using your knowledge to create a website for your portfolio.

- Day 01: Introduction to the Course / HTML and CSS
- Day 02: HTML Images, Classes, Links, and IDs / CSS Flexbox
- Day 03: Introduction to the Website Project / Introduction to the Written Assignment
- Day 04: Website Project / Written Assignment
- Day 05: Website Project / Written Assignment

Week Three

In week three you will begin your journey into Python, completing a range of activities to deepen your knowledge in preparation for your Python project in week four.

- Day 01: Website Project / Written Assignment
- Day 02: Introduction to Data and Variables / Properties and Methods (Python)
- Day 03: If / Else (Python)
- Day 04: Functions / Libraries (Python)
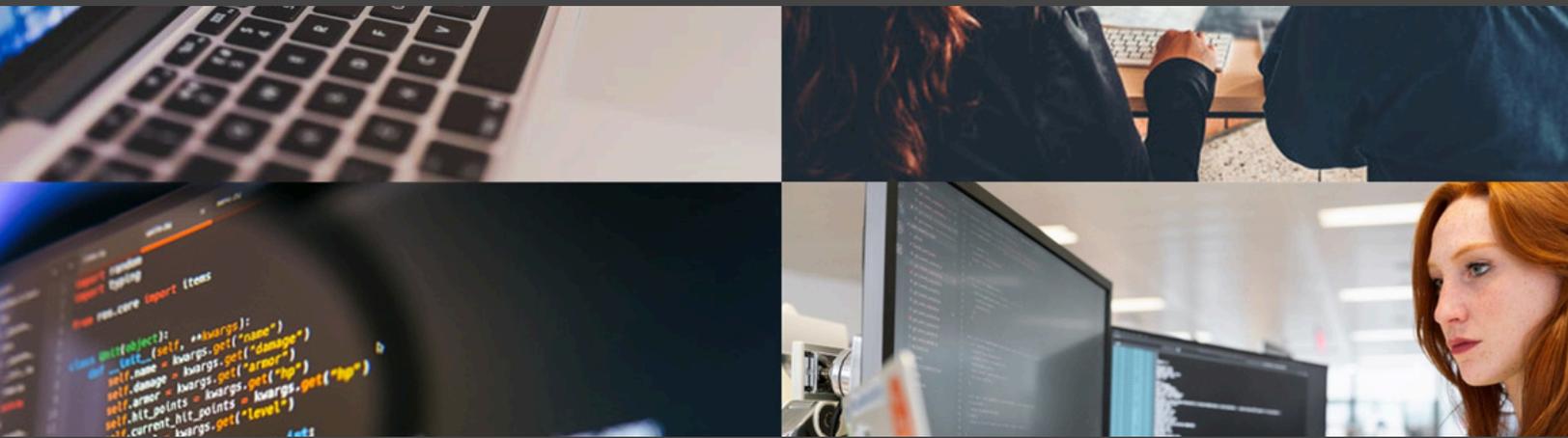- Day 05: Lists (Python) / Introduction to Python Group Game Project

Week Four

In your final week yo will apply your knowledge of Python to create your first Python project - a text-based adventure game. You will work in a small development team and get a real feel for the workflow of a development project. You will end the week, and your time on the course, with a mini graduation of the games that have been made by you and your team.

- Day 01: Loops (Python) / Introduction to Python Group Presentation
- Day 02: Game Project / Group Presentation
- Day 03: Game Project / Group Presentation
- Day 04: Game Project / Group Presentation
- Day 05: Python Game Testing / Mini Graduation / Final Hand-in

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You will also attend an employability session during your time on the course, led by our Employability team, where you will learn how to create a CV, an exciting LinkedIn profile, and be introduced to our Opportunities Portal which contains current job opportunities aligned to your course, which is available to you on successful completion.

✔ **Government funding available subject to eligibility.**

✔ **Access to our Opportunities Portal on completion.**

DARE TO DEVELOP?

Progression Opportunities available

Develop : Cyber | TLM Level 2 Certificate in Cyber Security & Digital Forensics | 4 weeks (Fully Funded)
Innovate : Coding | TLM Level 3 Certificate in Open Systems & Enterprise | 3 weeks
Master Bootcamp : Software Development using Python and AI | Level 3 standard | 12-weeks | Part-Time
Master Bootcamp : Software Development | Level 3 standard | 12-weeks | Full-Time
Master Bootcamp : IT Support Technician| Mapped to the industry recognised compTIA+ and CCST Cybersecurity certifications | 10-weeks | Full-Time
Master Bootcamp : Cyber PractitionerI | Level 3 standard | 12-weeks | Part-Time
Master Bootcamp : Data Analysis | Level 3 standard | 6/12-weeks | Part-Time and Full-Time
Master Bootcamp : Microsoft Power Platform and Process Automation| Level 3 standard | 4/12-weeks | Part-Time and Full-Time
Apprenticeship: Cyber Security Technologist | Level 4 | 21-months
Apprenticeship: Software Developer | Level 4 | 21-months

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