

## **IT (Cyber Security, Games Programming & Mobile Apps) Pearson Level 3 Foundation Diploma**

Study Mode: Full Time Programme Component | Course Level: 3

### **Is this course right for me?**

Are you interested in games programming, website programming and cybersecurity?

If so, this course will give you the IT knowledge, practical skills and experience you will need for your future career.

The course is equivalent to one-and-a-half A Levels and will cover a range of IT topics that will enable you to progress to further study, a higher education qualification or employment in a range of IT-related roles.

You develop a common core of IT knowledge and study areas such as the relationship between hardware and software that form an IT system, managing and processing data to support business, using IT to communicate and share information, computational thinking skills, and the principles of designing and developing computer programmes.

The course is delivered at the Wellington Road campus, in Bilston.

### **Entry Requirements**

To access this course you are required to have:

- Five GCSEs at grade 4 or above, including maths, English and one technical subject such as science, IT, graphics, design & technology, etc OR
- Level 3 ICT-related qualification at Merit or Distinction

### **What will I learn?**

During this course you will study the following modules:

- Information technology systems
- Creating systems to manage information
- Using social media in business
- Programming
- Data modelling
- Mobile apps development
- Computer games development

## What skills will I gain?

Throughout the course you will gain a range of transferable knowledge and skills to prepare you for progression to university or employment, including:

- Learning independently
- Researching actively and methodically
- Giving presentations
- Being an active group members and working as part of a team
- Reading technical texts
- Effective writing
- Analytical skills
- Creative development
- Preparation for assessment methods used in degrees.

## How will I be assessed?

Throughout the course you will be assessed in the following ways:

- Assignments
- Project work
- Observation of practical activities

Five of the units are assessed internally by college tutors, and a further two are assessed by an external assessor.

## What can I do next?

Successful completion of this course will enable you to progress to:

- Second year of the qualification, leading to an IT (Cyber Security, Games Programming & Mobile Apps) Level 3 extended diploma
- HNC or HND higher education qualification
- Undergraduate degree, such as computer science, games development, computing or web page design
- Apprenticeship
- Employment in the IT industry

## Delivery

**Location:** Wellington Road Campus

**Start Date:** 02/09/2024

**Day:**

**Time:**

**Course Fee:**

**Course Code:** CP0370

**Study Mode:** Full Time Programme Component



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