

# Discover Our Gateway Level 2 Diploma In Digital and IT Skills

The Gateway Level 2 Diploma in Digital and IT Skills, with a focus on Game Design and Development, is an engaging program for those passionate about technology and gaming. This course provides a broad introduction to the digital and IT sectors while offering specialised knowledge in game design and development. Key areas of study include:

## Introduction to IT Systems

Understand the components of IT systems, including hardware, software, and networks, and how they support digital operations.

## Digital Communication

Learn to use digital communication tools such as email, social media, and collaborative platforms to enhance workplace productivity and communication.

## Office Software Applications

Gain proficiency in essential office software, including word processors, spreadsheets, and presentation tools, to manage and present information effectively.

## Game Design Fundamentals

Dive into the basics of game design, including game mechanics, storytelling, and character development. Learn how to conceptualise and create engaging game experiences.

## Game Development Tools

Get hands-on experience with game development software and tools, such as Unity or Unreal Engine, to create basic game prototypes.

## Cybersecurity Awareness

Discover the importance of cybersecurity, identify common threats, and learn best practices for protecting digital information.

## Data Management

Understand data collection, storage, and management using databases and data analysis tools to support business decisions.

## Digital Problem Solving

Develop problem-solving skills relevant to IT and digital environments, including troubleshooting and optimising digital workflows.

## Introduction to Programming

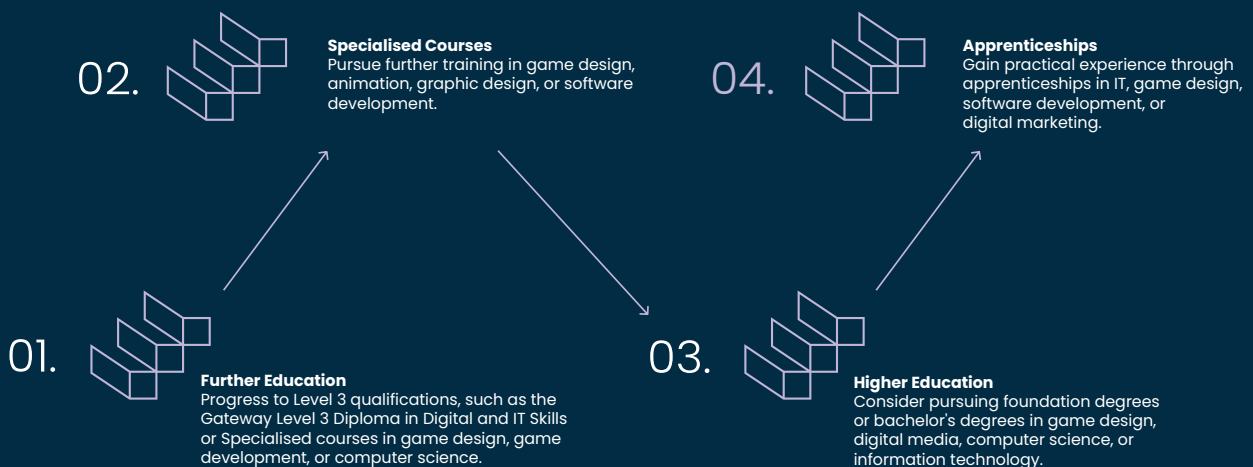
Learn the fundamentals of programming languages commonly used in game development, such as C# or Python, and understand basic coding concepts.

## Web Development Basics

Explore the fundamentals of web development, including HTML, CSS, and creating user-friendly websites.

## Progression Route

After completing the Gateway Level 2 Diploma in Digital and IT Skills with a focus on Game Design and Development, students can pursue various educational and career pathways:



# Discover Our Gateway Level 2 Diploma In Digital and IT Skills

Kickstart your career in the exciting fields of digital technology, IT, and game development with the Gateway Level 2 Diploma in Digital and IT Skills. This course equips you with essential skills and knowledge, preparing you for further study and a variety of career opportunities in these dynamic industries.

## Career Prospects

This qualification opens doors to a wide range of entry-level roles in the hospitality and catering industry, including:

### IT Support Technician

Provide technical support, troubleshoot hardware and software issues, and maintain IT systems.

### Junior Game Developer

Start a career in game development, assisting in the creation of games, from concept to coding and testing.

### Game Tester/QA

Work as a quality assurance tester, playing and testing games to identify bugs and improve user experience.

### Digital Marketing Assistant

Assist in digital marketing campaigns, including those promoting games and digital products, manage social media, and analyse online traffic.

### Web Developer

Develop and maintain websites, possibly specialising in gaming websites or online gaming platforms.

### Junior Programmer

Begin a career in programming, focusing on developing games, applications, or other digital solutions.

## Join Us

# Take the first step on your pathway to success

Join the Southend College Pathway Program and discover a supportive community dedicated to helping you achieve your goals.

[www.southend-adult.ac.uk](http://www.southend-adult.ac.uk)

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