

BTEC LEVEL 2 FIRST AWARD IN INFORMATION & CREATIVE TECHNOLOGY

Do you enjoy learning about computers? Would you like to design your own computer game? If so, then the Level 2 award in ICT will be of great interest to you. This course will stretch and challenge your IT skills.

Level 2 · Progression · Truro College

TOP COURSE HIGHLIGHTS

SMALL CLASSES

EXPERIENCED TUTORS

MODERN EQUIPMENT

SPECIALIST IT ROOMS

LEARN FROM SECTOR EXPERTS

You will be taught by staff with extensive experience who will advance your knowledge and skills to meet the expectations of the IT industry.

DEVELOP WORK-RELATED SKILLS

During your tutorial programme, you will also develop personal and work-related skills which will help prepare you for academic progression and full-time work.

ENJOY PROFESSIONAL SURROUNDINGS

Our computer rooms are kitted out with the latest computers and software resources.

WHY CHOOSE THIS COURSE?

This course is a great fit for students who would like to progress further in ICT with content streamlined to help with progression onto the Level 3 equivalent. Lessons take place in specialist IT rooms with networked PCs. Your lecturers will be specialists in their field who will teach you through a variety of demonstrations, lectures and by helping you undertake a variety of practical tasks. You will have access to hardware and networking lab facilities for the practical parts of the course.

WHAT WILL I LEARN?

Units that you will study: **The Online World** This unit will help you understand the main technologies and processes behind the internet and investigate how they come together to let you view websites and send information across the world. The internet and web of tomorrow will be even more powerful, more connected, more intuitive and a more important part of our lives. This will result in an internet of services, objects and infrastructure (ubiquitous computing) which will radically change our lives. For example, smart appliances will be able to talk to each other, clothes will monitor our health and retailers will access social media to gain insight into shoppers' preferences. You will explore a range of digital devices, such as smart phones and digital music players and consider the technology that enables these devices to share and exchange information. **A Digital Portfolio** This unit is your chance to show off! A digital portfolio is an exciting onscreen way to showcase your achievements to potential employers or when applying for a course. It is all about:

FOR THE LATEST COURSE INFORMATION

Scan for assessment arrangements, learner support, confirmed start dates and how to apply.
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- The projects you have created and developed
- Your use of communication and presentation skills
- Your capabilities and potential.

Digital portfolios can be viewed by anyone with a computer and an internet browser. You will learn how to create a digital portfolio that includes a series of web pages with links to content that you have created. You will learn how to make use of multimedia assets such as images, sound and video to make your portfolio appealing and engaging. **Database**

Development In this unit you will investigate the features and uses of databases by exploring what they are and what you can do with them. You will be able to apply some of your findings to your own database solution. You will also learn how to use database software to design, develop and test relational databases for a brief. Once completed, you will review your database, having obtained feedback from others, and evaluate possible improvements. **Programming** In this unit, you will learn the rules of a programming language and how to write code to develop a successful program. You will be able to apply some of your findings to your own software solutions. In addition, you will learn what factors affect the quality of the program and how to produce good quality programs. You will design and develop your own software program to fulfil a brief. You will test your programs for functionality and purpose and identify and repair faults. **Computer Games** **Development** In this unit, you will design and create a computer game to meet requirements and reflect on the skills and understanding applied during the design and development process.

WHERE WILL IT TAKE ME?

Upon successful completion of this course, you will have a comprehensive understanding of modern Information Technology. You will be well prepared to progress on the level 3 Extended Diploma in Information Technology or enter the workplace as an IT professional. You could also become an IT Apprentice, and earn while you learn.

ENTRY REQUIREMENTS

You must attend an interview where your experience and/or performance and attitude will be taken into account. You will need 3 GCSEs at grade 3. Ideally, at least one of these will be in Maths and/or English.

IMPORTANT

Course information can change. Please use the QR code below for the current assessment arrangements, entry requirements and start dates.

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