

## Level 2 Certificate in Information & Creative Technology

If you enjoy learning about information and creative technology, working with images, using the internet for research and building your own website, then this course will stretch and challenge you by providing valuable insights into how ICT is used today. This course is planned to have a natural progression into the Level 3 National Extended Diploma in Information Technology which could lead to a number of careers including (but not limited to): Games Design, IT Technician and Software Developer.

### Why choose this course?

ICT is often the face and infrastructure of individuals, groups, businesses, organisations and events. This programme includes the Level 2 Certificate in Information & Creative Technology, GCSE English and Maths and the study of Enterprise.

### The ICT units you will cover include:

**The Online World-** You will be looking at how online services and online communication work, you will be investigating components of the internet and how digital devices exchange and store information. Finally you will be investigating issues with operating online, from viruses to Identity theft.

**Technology Systems-** You will be working in our networking laboratory to understand how the components of technology systems work together, from RAM to CPU we will look at how data flows between the parts of a computer and how software like an operating system is vital to make sure everything goes smoothly.

**The Digital Portfolio-** In a modern age saving your work online is a great way to showcase talent and to get your name out into the wider world. You will design a digital portfolio, test and then review it to make sure it is effective.

**Creating Digital Animation-** Animation is used in a range of different forms. In this unit you will be looking at understanding the applications and features of digital animation products and designing, creating, testing and reviewing your own short animation.

**Spreadsheet Development-** Organisations use massive amounts of data daily and spreadsheets are excellent at handling this, from predicting where problems may be in the future to cleaning the output of datasets to make them nice and clear. In this unit you will be able to design, create and test a spreadsheet that will take a large set of data and format them to be as effective as possible.

**Computer Networks-** Without Networks we would not have the internet! In this unit we will be looking at how a network is built and how they work, making the cabling and network using our network laboratory. Additionally you will be making a network for a scenario that will test how we move and store data in a small to medium scale network.

**Software Development-** In other units we look at how software interacts with other software. However, in this unit you take a deep dive into software development itself, looking at the characteristics and uses of software, designing and developing your own software solution and finally reviewing your software.

## Assessment Arrangements

Two of your units will be externally assessed, with a computer based exam. However, the rest of the units are assessed through practical work and coursework tasks in order to ensure that students meet and exceed the pass criteria.

The externally assessed units are tested in December, and March for the re-sits, and can be achieved at a Level 1 or Level 2 pass. The rest of the modules are graded as either Pass, Merit or Distinction based on how well you do in the task/practical work.

## Where will it take me?

Successful Completion of the course with an overall Level 2 Merit along with either English and/or Maths at a grade 4 or better will enable you to progress onto the Level 3 National Extended Diploma in Information Technology. Additionally students may also Progress onto Level 3 Media & Photography courses where the Level 2 ICT qualification will give them an advantage on the digital aspects of the course.