

IT Cam Tech

Who is the course for?

This course is appropriate for students who like working with computers as users to create a variety of software solutions. This course follows the Application developer route and the units will include the opportunity to be creative with multimedia.

On this course you will develop your knowledge, understanding and skills in IT and global information systems. You will learn about the IT sector as you develop industry relevant skills in app development.

What does the course involve?

The course combines practical learning with knowledge development. Wherever possible we will deliver learning through hands on activities that help you really get to understand hardware and software. You will also need to be able to consider the impact of IT now and in the future on society and our world and the ethical implications of its use.

Components include:

Unit 1 – Fundamentals of IT This unit will give you a sound understanding of IT technologies, hardware, software, networks and the ethical use of Computers

Unit 2 – Global information This unit looks at how information is used, stored and gathered in the public domain by individuals and organisations.

Unit 6 – Application design In this unit you will explore potential ideas for a new application and develop the design for it.

Unit 13 – Social media and digital marketing This unit explores how we use social media and how it can be utilised by businesses to market to customers

Unit 15 – Game design and prototyping This unit will help you develop skills in designing and developing a prototype for a simple game. You will look at the logic behind the game and design all the elements for game play.

Assessment Methods

There are three mandatory units in this course, unit 1 and 2 are both examined and will be delivered and assessed in year 12. Unit 3, 13 and 15 are all assessed through practical work and will be completed by the end of year 13.

Progression Options

This course would stand you in good stead for working in any industry that uses IT. In particular it would support you in a career that involves designing, marketing, promoting and communicating using computers. It will also enable you to progress onto further education including degree level or equivalent in areas such as Business, multimedia, design and Information communication technology

It can also help gain direct entry into employment particularly into IT support sectors.

Awarding Body

OCR