

# CAMBRIDGE TEC IT (Introductory Diploma)

## ABOUT THIS COURSE

This course has been developed by OCR to meet the Government and Ofqual's recommendations. With this course we have a higher number of coursework units than some other qualifications due to having employers involved with the creation and delivery of some of the units. Our course follows the Application Developer specialist pathway to give you the widest range of skills.



## WHY SHOULD I STUDY ICT?

Can you think of any aspect of life that ICT doesn't touch? Would you like to be able to influence the future? Do you want valuable transferable skills? You can be part of the fast changing world of technology with the skills we will teach you. Explore your creative side whilst learning how to use software at the forefront of the industry.

## USEFUL SKILLS & INTERESTS

Just a selection of what you could experience...animation, photo editing, sound editing, web design & creation, building an app. With this mix of units, you can gain many transferable skills and a qualification that is relevant to countless job roles.

## COURSE STRUCTURE & CONTENT

First Year Units	Second Year Units	
Examined	Coursework	
<p><b>Fundamentals of IT</b></p> <p>This unit gives you a sound understanding of the different IT technologies and practices that we all use. You will gain a solid understanding of hardware, networks, software, how businesses use IT and the social effects of using computers and the information collected.</p> <p>This knowledge is also the basis for several industry qualifications such as Cisco IT Essentials.</p>	<p><i>Mandatory</i></p> <p><b>Application Design</b></p> <p>The world now relies on applications. In the unit you will take your ideas for new applications, design; present, and prototype them. This unit will be taught alongside the Web Design unit. You will gain many transferable skills; liaising with clients, presenting your ideas, collecting and analysing feedback. These skills are appropriate to a wide range of job roles needing development skills.</p>	<p><b>Web Design and Prototyping</b></p> <p>Most organisations now use and need a website for a range of reasons. You will design and prototype your ideas and look at the security risks and how to minimise them.</p>
<p><b>Global Information</b></p> <p>The purpose of this unit is to show how information in the public domain is used by us and businesses. We look at how organisations use internal and external sources of information. This unit is assessed by a mix of pre-release tasks and an exam.</p>		<p><b>Examined</b></p> <p><b>Cyber Security</b></p> <p>Cyber security will enable you to gain knowledge and understanding of the range of threats, vulnerabilities and risks that impact on both individuals and organisations.</p>

## **HOW WILL I BE ASSESSED?**

Units are assessed by a mix of externally marked exams and internally marked coursework. In year one you will complete two mandatory units: - both exams, one with pre-release tasks. In the second year, the application design and the web design and prototyping units are assessed by coursework and the Cyber Security is assessed by an exam in the January.

## **COURSE COMMITMENT**

For the Cambridge TEC Introductory Diploma qualification, you will need to commit to a two year programme of study (A-level).

All students at Prior Pursglove are expected to use their Private Study Periods to complete work set. You must have good organisational skills and be self-motivated.

## **COURSE COSTS**

At the moment, no extra costs, other than any extra printer credits are anticipated.

## **ENTRANCE REQUIREMENTS**

For entry on to this course you will need to meet the college standard entry requirements for Advanced Level study of 5 GCSE passes (grades 4 - 9) including a minimum of a grade 4 in English Language and preferably Maths. If studied, you will also need either a Merit or above in the OCR National in ICT level 2 or similar.

## **PROGRESSION ROUTES**

This course will provide progression to a wide range of ICT / Computing courses at University. You will also have the skills required for many areas such as developing systems; analysing data, software developers.

## **FURTHER INFORMATION**

For further information, please contact the subject leader.

*Please note that the information in this leaflet is correct at the time of publication, but circumstances may arise which cause us to revise our provision.*  
*Jan24*