

CAMBRIDGE TECHNICAL IN INFORMATION TECHNOLOGIES, GAME DESIGN & WEB TECHNOLOGIES

For more information please see Mr Lea

For whom is this course suitable?

The Cambridge Technical qualification is suitable for anyone who is looking to develop an advanced understanding of all aspects of modern game design and prototyping, project management and web design.

You will get the opportunity to develop and apply project management, design and development and evaluation skills in a range of real-life scenarios and problems.

If you are interested in working in any area of computer science or IT, including programming, web site design or game development, or want to study a computer science related degree at university, this could be a good choice for you.

You will need to have gained at least a grade 5 in English and math. Computer Science or the Cambridge National in Information Technologies is not a prerequisite for this course. This qualification is not just about being able to use computers. Employers need people who are able to help them develop digital solutions for their customers. Therefore, this qualification is designed to give learners a range of specialist IT, project management and product development knowledge.

What will I learn on this course?

The Cambridge Technical in Information Technologies, Game Design and Web Technologies course will allow you to ...

- Think creatively, innovatively, analytically, logically and critically
- Apply skills in and an understanding of project management and product development (including some programming) in a range of contexts to solve problems
- Delve into producing graphical user interfaces and object-orientated programming solutions

Through the creation of a programming project, you will have the opportunity to create a substantial piece of software using modern design methods and, guided by teachers, they will look to display their skills and talents.

The Cambridge Technical in Information Technologies, Game Design and Web Technologies is assessed through two written exams (taken in Year 12), and a series of practical projects including:

- Game Design and Prototyping
- Web Development and Prototyping
- Project Management
- Social Media

What could I do at the end of my course?

Learners could progress onto a Level 4 apprenticeship in any computer science, IT, game design or web design related area, university or employment.