QEHS
SIXTH FORM

COMPUTING

Cambridge OCR A Level

ABOUT THE COURSE

Why A Level Computing? Computing is an academic 'A' level that is highly respected by Russell Group universities. Computing develops the ability to solve problems and think logically vital skills in today's environment.

This course can be studied at AS level in 1 year.

Students are introduced to the internal workings of the (CPU), data exchange, software development, data types and legal and ethical issues in Component 1. Component 2 - Algorithms and programming builds on previous learning to include computational thinking and problem-solving. In Component 3 students are expected to apply the principles of computational thinking to a practical coding programming project

In A Level Computing you will see an increasing emphasis on technical content, extended answers and independent research. With Computer Science being a very complex discipline, developing a detailed technical understanding is critical to success

ENTRY REQUIREMENTS

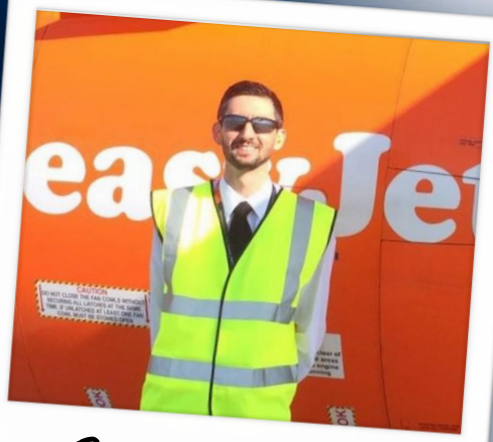
QEHS Sixth Form Admissions Criteria: A minimum of **36 points** across the best GCSE grades
Subject Entry Requirement: Grade 6 in GCSE Computing. Maths is a key skill, plus strong written communication skills as the programming project requires detailed information.

CAREERS

The $400 billion dollar commercial software industry needs Computer Scientists to develop the next generation of software that will shape tomorrow's world. Computer Scientists are working in every field of Science and Engineering.

QEHS
SIXTH FORM

Alumni Spotlight



Simon Elkington

A former QEHS student's experience

I chose QEHS Sixth Form because I wanted to be part of an ambitious, hardworking community where everyone is motivated to achieve their best. The excellent teaching, individual support and endless encouragement from my teachers inspired me to really push myself, fulfil my potential and aim high. It was the perfect environment for me to find my direction

Studied at QEHS: 2017 - 2024

Subjects: Computing, Maths and Physics

Next steps: Senior First Officer for easyJet flying the A320 Series

University of East Anglia BSc (Hons) Computing Science