



AAQ Cambridge Advanced National Computing/IT Application Development



AIMS:

This course has been developed to recognise learners' skills, knowledge and understanding of Computing and Information technology sectors. The study programme is less theoretical than A Level Computer science, with greater emphasis placed on the acquisition of a full range of skills, through the study of realistic IT and Computing contexts including: Website, App and game development.

ASSESSMENT:

Specification: OCR AAQ Cambridge advanced national in Computing/IT: Application development

<https://www.ocr.org.uk/qualifications/alternative-academic-qualifications/computing-application-development-level-3-h029-h129/>

Assessment Details:

First year: Two units both exams:

Unit 1 - *Fundamentals of application development*. Unit 2 – *Developing application software*. Both units are written exams with a combination of multiple choice and long answer questions.

Second year: Three coursework units:

There are a range of optional units which can be studied during this year. These will be practical, hands on units, using a range of software including app, website and game development.

QUALITIES AND QUALIFICATIONS

- An interest in ICT, Business and Computing combined with an ability to look at the ICT/CS industry.
- Be able to investigate and develop software skills using advanced software features.
- The abilities to research and investigate new technologies.

OUTLINE OF THE SUBJECT

In the first year, students will take the two compulsory exam units. Students will look at and develop the skills that are directly relevant to employment situations, learning to work autonomously and effectively in a Computing an IT context. In the second year they will also develop their understanding of specialist areas of ICT and Computing by looking at software use in industry, designing and creating their own products.

FUTURE PATHWAYS

This subject provides the ideal foundation for those students who wish to pursue ICT and Computer science at degree level or in any other subject area and enhances employability for those who wish to follow a career within the Computing sector.

