

# ICT

**Qualification:**

**OCR Cambridge Advanced National in IT: Data Analytics**

**Additional Entry Information:**

Speak to **Mrs K Davey** for more information.

**What do students need to know or be able to do before taking the course?**

The Cambridge Advanced National in IT is a level 3 course

Students completing the two-year course will receive the Level 3 extended certificate. This equates to a full A-Level in terms of UCAS points.

We will be following the "Data Analytics Pathway".

This course consists of 3 mandatory units, 2 of which are exams and one mandatory piece of coursework. This will be done within Year 12.

Within Year 13 students can choose 2 optional units of coursework to complete. There are 4 options to choose from including Data and Digital marketing

**What will students learn on this course (skills and course content)?**

Students will learn about understanding and managing data, as well as looking at how data can be accessed and managed across platforms. They will learn about big data, machine learning and artificial intelligence and also how this affects the environment and society.

**What sort of student is this course suitable for?**

- Students with an interest in the latest technology and how it is evolving.
- Pupils completing this course will need to be organised & excellent attendance is essential to complete all required coursework.
- They must have an interest in expanding their ICT skills and looking at areas of development and topics they may not have had experience with before.

**What kind of work will students need to be able to do outside of lessons?**

Students will be expected to do revision for practice mock tests in order to fully prepare for the 2 mandatory exams. Pupils will also be expected to complete elements of their coursework outside of lessons independently.

Pupils will be expected to carry out research as to how technology is constantly evolving

## **What is the course content and how is this assessed?**

5 Units

2 Mandatory Exams (25% each= 50%)

3 Coursework Units – one of which is mandatory, 2 of which are optional (these make up the other 50%)

## **What could students go on to do at the end of this course?**

Students in recent years have gone on to complete degrees in Media Production, Computer Science, Software Engineering & Cybersecurity. Due to the wide range of ICT skills learnt on this course, there are lots of options for what you can use this for in the future. For further information on this course and what it offers, visit the link below:-

<https://www.ocr.org.uk/Images/697580-specification-cambridge-advanced-national-in-it-data-analytics.pdf?hsCtaAttrib=137065049459>

