

ICT

Type of Qualification: Cambridge National Certificate (OCR)

How it is assessed: 25% mandatory examination
75% based on 3 completed controlled assessment units

Course Overview:

- **R001 – Understanding Computer Systems** – Students will gain the knowledge and understanding to use computers more effectively in a variety of different contexts including home, school, business organisations and social life. Students explore the impact of current and emerging technologies on data security, how ICT is used to support business working practices and the ethical, legal, cultural and environmental issues associated with ICT.
- **R002 – Using ICT to Create Business Solutions** – Students will explore and implement a wide range of ICT tools and techniques in order to create bespoke solutions to meet specified business needs. They will develop the skills to select appropriate software to efficiently communicate information and solve problems suitable for purpose and intended audience.
- **R003 – Handling Data Using Spreadsheets** – This is an optional unit. It builds on knowledge and skills from the previous two units, and refines students' skills to process and present data effectively to support decision-making processes in real life scenarios. Students will have extensive experience using spreadsheets for budgeting, cost modelling, reporting, trend analysis and forecasting.
- **R004 – Handling Data Using Databases** – This is an optional unit. It also builds on knowledge and skills from R001 and R002. Database software is one of the most important IT applications programs used by organisations in the 21st Century. Students will enhance their skills on modifying the structure of a database, testing, interrogating a relational database and creating suitable user interfaces for viewing and accessing a database.

Beyond Year 11:

Students may use this course of study as a suitable basis for higher studies at AS/A2 in Information and Communications Technology or in a related discipline. The course is best suited for anyone who feels they may wish to enter a profession or occupation which relies heavily on the use of IT, or go on to study IT or a related discipline in Higher Education.

