

Spalding Grammar School Sixth Form

Subject Information

IT

Entry Requirement:

Grade B in GCSE ICT **or** Grade 5 in Computer Science **and** Grade 5 in GCSE English, **or** an equivalent ICT Level 2 Qualification (Merit) **and** Grade 5 in GCSE English.

Awarding body: OCR

About the subject: This course will develop students' knowledge of Information Technology and Global Information Systems. We are offering the Level 3 Cambridge Technical Introductory Diploma in IT (5840) that carries UCAS Tariff Points therefore students can progress into university e.g. a Distinction* carries 56 UCAS Tariff Points. Equally the Certificate has been designed in close collaboration with employers to ensure students develop the skills and knowledge to progress directly into their chosen IT-based career. Whatever their long term plans, students will gain an insight into the IT sector as they investigate the pace of technological change, IT infrastructure, and the flow of information on a global scale with its accompanying legal and security considerations.

Assessment:

Students will complete two mandatory units:

- **Unit 1:** Fundamentals of IT to acquire a sound understanding of IT technologies and practises. Information learnt in this unit will create a solid foundation in the fundamentals of hardware, networks, software, the ethical use of computers and how businesses use IT.
- **Unit 2:** Global IT to appreciate the uses of IT in the public domain, globally, in the cloud and across the Internet, by individuals and organisations.

Students will then focus on Application Developer:

- **Unit 3:** Cyber Security to enable students to gain knowledge and understanding of the range of threats, vulnerabilities and risks that impact on both individuals and organisations.
- **Unit 6:** Application Design - since the world is increasingly reliant on applications that help individuals, business and organisations achieve specific activities or purposes, students will explore potential ideas for a new application and develop the fundamental design for it.
- **Unit 13:** Social Media and Digital Marketing during which students look at digital marketing as a concept and then take the opportunity to explore the possible impacts, both positive and negative, that may be generated by the use of social media as a tool.

For a full breakdown of the unit topics and assessment requirements, visit www.ocr.org.uk and search for the Level 3 Introductory Diploma in IT (5840).