

# Spalding Grammar School Sixth Form

## Subject Information

IT

### Entry Requirement:

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 Extended Certificate in IT (5839) 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:

- **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 8:** Project Management to use various project planning tools and techniques, helping you to become a more effective member of any workplace. The skills in this module will help you with any IT related project. This module includes a project to be completed by the student.
- **Unit 9:** Product Development to prepare you to undertake product development activities in the workplace. You will learn about different design methodologies and the role of the development lifecycle. This module includes a project to be completed by the student.

For a full breakdown of the unit topics and assessment requirements, visit [www.ocr.org.uk](http://www.ocr.org.uk) and search for the Level 3 Extended Certificate in IT (5839).