Computer Science

This course is an A Level Course.

MINIMUM SUBJECT ENTRY REQUIREMENTS (in addition to the general 6TH form minimum entry requirements of 5 x grade 4 at GCSE/equivalent or above including maths and English:
GCSE Grade 5 in Computer Science and Maths.

In this course you can expect to develop an understanding and ability to apply the fundamental principles and concepts of computer science, including: abstraction, decomposition, logic, algorithms and data representation. You will also analyse problems in computational terms including writing programs. Expertise in computing helps you even if your primary career choice is something else, because it teaches you to solve complex, challenging problems.

Exam Board Information: OCR H446
QAN code: 601/4911/5
UNIT 1: Computer Systems. Written exam (40%)
UNIT 2: Algorithms & Programming. Written exam (40%)
UNIT 3: Programming Project. Non-Exam assessment (20%)

PATHWAYS:

UNIVERSITY COURSES	APPRENTICESHIPS	WORLD OF WORK
Computer Science Business, Computing & IT Computer Games Technology Software Engineering	Software Developer Software Engineer Software Tester Application Specialist Systems Designer	Students following this qualification could go on to work in the following fields: IT consultant Systems Analyst Games developer Database administrator

For further information or to ask questions, please contact Mr A Hall-Smith (Leader of Learning – Computing & Business) asmith60@holytrinitycrawley.org.uk