

THE PROGRAMME

We live in an 'electronic age' where electronics embraces every aspect of modern life from home entertainment to global communications and even space exploration. A host of fascinating careers is open to those with knowledge and skills in electronics, both technical and commercial. The pace of change of electronic technology means that you will always be at the forefront of change and, as such, you will always be in demand. The course is delivered as a variety of theory-based concepts, supplemented by hands-on practical investigations and computer-aided simulation and design, with the development of practical skills and experimentation being as important as fundamental theoretical knowledge.

You will learn about all aspects of electronics including basic components and systems, digital and analogue electronics, including amplifiers, programming and radio communication principles. You will also learn how to build and design some of these circuits making useful devices from them. Our electronics staff are experienced teachers of the subject. They use a wide variety of activities including exciting demonstration experiments, computer simulations and group practical work.

WHY STUDY THIS SUBJECT?

A Level Electronics is accepted by universities and complements subjects such as Physics, Mathematics, Information Technology and Design. It also establishes a good base if you are thinking of going into an industry where electronics is used, such as electrical/electronic engineering, communications, broadcasting and consumer electronics. By choosing to study A Level Electronics, you will be opening up a whole range of possible career opportunities in technology-based industries. Electronics is an area where there is a great shortage of qualified people to fill the available vacancies. A broad and detailed knowledge of electronics is an essential requirement for many engineering, research and computing jobs and will be seen as highly advantageous by employers and university admissions' tutors.

CAREER POSSIBILITIES

This qualification will help you progress to degree or HND level in engineering related courses. You will be able to choose from a wide range of courses at university including: Electronics, Electronic Engineering, Electronic Products Design and Technology, Electronic Instrumentation, Applied Electronics, Electronics Media and Communications and Robotics to name but a few. It will also provide an excellent basis if you wish to enter directly into employment and maybe further your career.

