

Electronics - Virtual Priestley

Session 1 - Meet The Department

Welcome to Electronics at Priestley!

Please watch our short introductory video where you will get to meet us and see some of what goes on within our department. A-level Electronics is examined by EDUQAS. It is an academic qualification, and is a useful A level to have for entry to university Engineering courses at where, for many universities, it is a suitable alternative to Physics (note that you need Maths A level for most engineering courses). Here is the introductory video link:

https://www.youtube.com/watch?v=RwP_dYy7SWs&t

Most students have never done any electronics before - this isn't a problem as we teach you everything you need to know! We assume that you have good GCSEs in Maths and Physics/Science as you will need to do some calculation work. Over the course you will learn about individual components and how they fit together in circuits to perform tasks and solve problems. In the lab. you will be using test equipment such as multimeters, oscilloscopes, signal generators, light meters and decibel meters during practical work. (Note that we don't do any soldering!).

In both years of the course there is an element of coursework (20% each year) where you will design, build and test your circuits. These are just short tasks in the 1st year but the 2nd year coursework is your opportunity to demonstrate your understanding as well as your creativity.

Our students go on to study a variety of subjects at university, especially related to Electrical or Electronic Engineering, and many others take up an array of apprenticeships with companies such as Bentley Motors, Dyson Group, Jaguar-Landrover and Sellafield Ltd to name just a few. Many students take their projects along to university and job interviews where interviewers are generally extremely impressed! Have a look in our prospectus to find out more.

We hope you enjoy the activities in our sessions and can't wait to meet you in person.

Adrian, Tory, Karen