

ELECTRICAL AND ELECTRONIC ENGINEERING

BEng (HONS)

The products and services we use in everyday life would not exist unless an electrical and electronic engineer had designed the relevant parts. Electrical and electronic engineers are concerned with making our products faster, cheaper, smaller and better.

OVERVIEW

- Available as BEng qualification
- Design-led engineering curriculum emphasises, with design projects supplied by industrial partners.
- State-of-the-art labs and excellent technical support.
- Accredited by the Institution of Engineering and Technology, UK.
- Regular contributions from professional engineers and industrial professionals.

PROGRAMME STRUCTURE

Level 4

Engineering Principles, Microprocessors and Software, Electrical Circuit Principles, Digital and Analogue Electronics, Electrical Engineering Practice, Engineering Mathematics 1a, Engineering Mathematics 1b

Level 5

Digital and Embedded Systems, Electric Machines, Linear Electronics,

Control System Design and Analysis, Electrical Engineering Practice, Applied Instrumentation, Engineering Mathematics 2

Placement Year

Placement year helps students prepare for the upcoming demand of the industry. It can help you to explore potential career paths and provide you with valuable work experience, whilst developing transferable skills for the future. Key features of the placement year are:

- Enhance your career prospects.
- Expand your network.
- Discover the real working world.
- Improve your academic Performance.
- Develops skills and builds confidence

Level 6

Automation, Signal Processing, Power Electronics, Drives and Systems, Process Control, Engineering Project, Industrial Management

ELIGIBILITY

- Age 17+ by 30 November in the year of registration.
- A' Level 112 UCAS points with minimum grade C in Mathematics and one of the following subjects ((Physics, Chemistry, Computing, Further Maths, Engineering)
- or
- BTEC Award (provided grade DMM or above is achieved) in an Engineering discipline with a distinction grade in the Further Mathematics unit.
- or
- Any other relevant high school qualifications
- or
- HSSC at 75% overall marks with 70% marks in Mathematics
- Provide proof of competence in English and Mathematics by having UK GCSE/GCE 'O' level at grade C. Otherwise a test of proficiency may be required.

The Electrical and Electronic Engineering course has exceeded my expectations. It has delivered more than I anticipated and I have been left with a promise of greater things to come.

Shaheer Tausif Current Student

95% OF STUDENTS IN WORK OR FURTHER STUDY WITHIN 6 MONTHS OF GRADUATION
DLHE 2016/17