

General Enquiries

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HNC in Electrical/Electronic Engineering

Location	
Full/Part time	Full-Time
Department	Engineering

Course Overview

Course Requirements

All applications will be considered individually however offers will usually be based on:

64 UCAS points at A Level in relevant subject(s)

BTEC Level 3 qualification in relevant subject merit profile(2 years)

4 GCSEs at grade C or above (or numeric score of 4/5 under newly reformed GCSE grading) which must include Maths and English.

An Access to Higher Education Diploma in relevant area

Other related Level 3 qualifications

Related work experience will be considered in place of formal qualifications

* Accreditation of prior experience and Learning (APEL/APL) may be considered

* A maths bridging course may be available for suitable candidates with industrial experience but do not have the appropriate formal maths qualification.

Course Assessment

Continuous assessment involving group and individual assignments.

The ability to demonstrate successful communication skills, team working, problem solving and critical reflection on your own performance will be assessed throughout the programme through a variety of assignments. Assessments methods may include: case studies, research interviews, observations of

practice, oral presentations, critiques of materials as well as essays. All assignments are graded at Pass, Merit or Distinction.

Course Includes

Engineering

Award

Higher National Certificate in Electrical/Electronic Engineering

Course Dates

Full-time over 1 year from September to July

Part-time over 2 years from September July

Examining Body

Pearson Edexcel

Examining Body

2 days per week full-time or 1 day or 2 evenings a week (part-time)

Programme Structure

This course is designed to combine the requirements of industry with theoretical principles. Units reflect the needs of both students and employers. Learning is through a mixture of lectures, tutorials and task-based learning.

Top up requirements are considered on a case by case basis. Please contact the College for details.

Units studied include:-

01 - Engineering Design

02 - Engineering Maths

03 - Engineering Science

04 - Managing a Professional Project

19 - Electrical & Electronic Principles

Plus 3 specialist units, which may include:-

15 - Automation, Robotics & PLCs

32 - CAD for maintenance engineers

31 Electrical Systems & fault findings

Extensive use is made of computer modelling and simulation techniques and an emphasis is put on practical applications throughout.