

Overview

If you are already working in the lift engineering sector, this course will develop your knowledge of the fundamentals of engineering, including mechanical, electrical, electronic and hydraulic engineering design and analysis. The course delivery is flexible, in a modular format, taught online so that you can choose when to study to fit around your work and personal life. You can study one module initially, as a taster, or as a way to update your skills in a specific area. To achieve the full HNC, you will need to complete modules to a total of 160 credits.

Course Details

You will study the fundamentals of engineering, including mechanical, electrical, electronic and hydraulic engineering design and analysis. Examples used are taken from the lift industry to ensure that the course remains relevant and up to date for this diverse sector. You are also introduced to the concepts of contract management and business, as well as undertaking a work-based project focusing on an area of your choice.

This course will give you the skills required in electrical and mechanical science, together with mathematics and other engineering studies associated with the lift industry. Modules marked with an asterisk are studied through The Lift and Escalator Industry Association external to the University.

The HNC Lift Engineering provides a gateway for direct entry to study for the FdSc Lift Engineering qualification with us.

Partnership and Accreditation

Some of the modules are delivered externally by The Lift and Escalator Industry Association (LEIA) and some by the University. Modules marked with an asterisk are studied through LEIA.

Schedule and Assessments

This is an online course allowing you to study wherever is most suitable for you. You will be assessed through multiple-choice assignments, tutor-marked assignments, project reports and logbook and end-of module tests

Course content

Stage 1

- Contract Management (10 Credits) Credits)

Module code: ENG1028

Core Module Y

- Contract Management 2 (10 Credits) Credits)

Module code: ENG1044

Core Module Y

- Fundamentals of Lift Technology (20 Credits) Credits)

Module code: ENG1039

Core Module Y

- ICT Applications (20 Credits) Credits)

Module code: CSY1023

Core Module Y

- Introduction to Engineering Design (20 Credits) Credits)

Module code: ENG1025

Core Module Y

- Lift Engineering Project (20 Credits) Credits)

Module code: ENG1042

Core Module Y

- Mathematics for Technology Part 1 (20 Credits) Credits)

Module code: ENG1024

Core Module Y

Stage 2

- Advanced Lift Technology - Electrical (20 Credits) Credits)

Module code: ENG2042

Core Module N

- Advanced Lift Technology - Hydraulic (20 Credits) Credits)

Module code: ENG2043

Core Module N

- Advanced Lift Technology - Mechanical (20 Credits) Credits)

Module code: ENG2044

Core Module N

Intake Dates: September

Additional Information (Method of Learning)

This is an online course allowing you to study wherever is most suitable for you.

You will be assessed through multiple-choice assignments, tutor-marked assignments, project reports and logbook and end-of module tests.

Entry Requirements

As a course designed for people who are working in the lift industry, we do not expect the majority of applicants to have any formal qualifications but to have relevant work experience. Those without relevant work experience may enter the course with one A-level qualification as well as GCSE Mathematics at grade C/4 or above.

All International and EU students applying for a course with us must meet the following minimum English language requirements:

- IELTS 6.0 (or equivalent) with a minimum of 5.5 in all bands for study at undergraduate level

Application Procedures

Please include the following documents with your completed application form:

- Details of your English Language competence, for example, Test of English as a Foreign Language (TOFEL) or International English Language Testing System (IELTS) tests or equivalent.
- Certified copies of your school certificates and any other relevant qualifications. A certified copy is a photocopy that has an original official stamp of your school, college or university on it. The stamp should not be a photocopy.
- At least one reference (signed and on headed paper).
- A personal statement to explain why you are interested in studying your chosen course