

## **Overview**

The course will benefit lift engineers and consultants as well as members of senior management in the lift industry. You will gain an in-depth understanding of advanced technical issues arising in lift design, maintenance and contract management. The course teaches the skills required in electrical and mechanical science, together with mathematics and other engineering areas associated with the lift industry.

## **Course Details**

We aim to provide you with a detailed, academic study of lift engineering and related management issues, together with a higher-level qualification for persons employed in lift engineering and allied industries.

Our Lift Engineering MSc is made up of seven modules. Four of these are compulsory, with two more that you will be able to choose, and a dissertation. The compulsory modules cover the fundamental areas that are essential to lift engineering, including the codes and standards to which lifts and their design must adhere. Option modules allow you to pursue your particular interests and specialise within the industry. Each module entails approximately 200 hours of independent study, and the dissertation entails around 600 hours.

## **Partnership and Accreditation**

This course is in the process of accreditation by the Institution of Mechanical Engineers (IMechE).

## **Schedule and Assessments**

This course uses a wide range of assessment methods, including coursework, project reports and end of module examinations. A dissertation based professional practice project will consist of design and/or investigative research on an appropriate topic.

## 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:** January & 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**

We expect you to have an honour degree of at least class 2:2 (or its equivalent) in a relevant engineering discipline. Within the framework of the university, candidates without an honours degree who can demonstrate an appropriate level of relevant learning and achievement will also be considered.

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

- Minimum standard – IELTS 6.5 (or equivalent) for study at postgraduate 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