

Manufacturing Engineering with Management

University of Strathclyde

Content

Everything that we use, eat, watch, hear or wear is created using the skills of production engineers and managers. Manufacturing engineers and managers do not just create technological solutions though, they also motivate, organise and interact with others to make sure products and services are provided when and where customers' needs exist.

Manufacturing Engineering with Management blends a more technical engineering focus (such as mechanics, manufacturing, electronics, maths, programming, and engineering calculations of a product's design) with production and management principles, and technology such as operational improvement and quality management.

Year 1: study engineering mechanics, electrical circuits, heat and flow, total design, maths, production engineering and management.

Year 2: focus on engineering materials, electrical machines and control, design and manufacturing management, production techniques, analysing and improving operations.

Year 3: topics include innovation management, production and operations management, production techniques, product programming, mechatronics design and applications; option to study abroad.

Year 4: individual project and industry-based projects focused on business, process and/or strategy improvement and innovation in manufacturing sectors; Quality Management and Advanced Design classes.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BEng Hons

UCAS Code

HN73

Course Length

4 years

Faculty

Faculty of Engineering

Department

Design, Manufacture and Engineering Management

Entry Requirements

2027 entry requirements

Standard entry:

4 Highers at AAAB including Maths and Engineering Science or Physics plus English at National 5 (Higher preferred).

Widening access entry:

4 Highers at BBBB including Maths and Engineering Science or Physics plus English at National 5 (Higher preferred).

A Foundation Apprenticeship is accepted in place of a non-essential Higher.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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Website

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