Entry Requirements

Minimum entry requirements are
A second class honours grade 2 or equivalent in an appropriate QQAI level 8 engineering programme.

Awards

The award of Masters of Engineering (ME) will be made to students who successfully complete the programme. Those who only complete the 12 taught modules will be awarded a postgraduate Diploma (PgDip). Single module certificates may also be awarded to students.

Fees

Full time EU Students: €5850
Full time Non-EU Students: €12000

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A collaboration between the School of Manufacturing & Design Engineering DIT, Bolton St, and the College of Business.

School of Manufacturing & Design Engineering  
DIT, Bolton St
Programme Description

The ME in Manufacturing Management & Innovation is a 90 ECTS masters programme. Candidates will undertake 12 modules of 5 ECTS each and complete a project worth 30 ECTS. Graduates will obtain a DIT Level 9 award of Master of Engineering in Manufacturing Management and Innovation. The programme involves collaboration between the School of Manufacturing & Design Engineering in DIT Bolton St & the College of Business in DIT Aungier St. This is a unique programme which combines learning in innovation, entrepreneurship, management and finance with core engineering skills. The result is a qualification which benefits aspiring and existing team leaders and managers equipping these professionals to address the challenges posed by the demands of modern manufacturing environments.

Project Work

Candidates will be involved in various individual and team project work throughout many of the modules. A major project worth 30ECTS will also be on-going throughout the year. The project may be undertaken in a particular area of interest and may be business or engineering related. Candidates will also have the opportunity to be involved in the Formula student competition. This is a competition run by the IMECH where a team of students design, build and test a single seat race car. The competition takes place each year in Silverstone UK.

Members of the 2012 Formula DIT Team

Career Opportunities

Career opportunities are excellent. The industrial links with the final year project and the formula student team project have received very positive reviews from industry. With the ME qualification graduates will have excellent opportunities in design roles in the automotive, electronics, medical devices, pharmaceuticals and food industries. Graduates will also be prepared for roles in research and development. The business and management aspect of the programme will prepare graduates for a rapid path to technical management roles with potential for high salaries.

Modules

- Strategic Supply Management
- Strategic Management
- Finance For Management & Decision Makers
- Research Methods
  or
- Business Research Methods
- Entrepreneurship For Engineers
  or
- Commercialisation
- Design Methodologies & Practice
- Statistical Analysis For Engineers
- Sustainable Manufacturing
- Enterprise Control System Integration
- Validation For Manufacturing
- Lean Operations
- Innovation & Knowledge Management
  or
- Innovation Management
- Research Project