

# FACULTY OF ENGINEERING

## DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

### ENGINEERING MANAGEMENT FOR PROCESS EXCELLENCE

Master in Engineering Management for Process Excellence  
Postgraduate Diploma in Engineering Management for Process Excellence  
Postgraduate Certificate in Engineering Management for Process Excellence

*These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).*

#### Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

#### Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

#### Mode of Study

3. The programmes are available by full-time or part-time study.

#### Curriculum

4. All students shall undertake an approved curriculum as follows:
  - i. for the Postgraduate Certificate no fewer than 60 credits from the lists of taught modules,
  - ii. for the Postgraduate Diploma no fewer than 120 credits from the lists of taught modules,
  - iii. for the degree of MSc no fewer than 180 credits including the DM932 project.

#### Compulsory Modules

Module Code	Module Title	Level	Credits
DM926	Supply Chain Operations	5	10
DM928	Enterprise Resource Planning	5	10
DM931	Postgraduate Group Project	5	40
DM9xx	Total Quality Management	5	10
DM941	Fundamentals of Lean Six Sigma	5	10
DM981	Management of Innovation	5	10
EF931	Project Management	5	10

#### Students for the degree of MSc only

Module Code	Module Title	Level	Credits
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DM932	Postgraduate Individual Project	5	60
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### **Optional Modules**

No fewer than 20 credits chosen from:

<b>Module Code</b>	<b>Module Title</b>	<b>Level</b>	<b>Credits</b>
DM918	People, Organisation and Technology	5	10
DM920	Strategic Technology Management	5	10
DM927	Strategic Supply Chain Management	5	10
DM945	Systems Thinking and Modelling	5	10
MS922	Quantitative Business Analysis	5	10
MS929	Performance Measurement and Management	5	10
MS980	Business Analytics	5	10

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Co-ordinator.

**Students for the Postgraduate Diploma only, will have the additional optional module:**

<b>Module Code</b>	<b>Module Title</b>	<b>Level</b>	<b>Credits</b>
DM815	PGDip Individual Project	5	20

### **Examination, Progress and Final Assessment**

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework, and the Postgraduate Individual Project where undertaken.

### **Award**

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Engineering Management for Process Excellence a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Postgraduate Individual Project DM932.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Engineering Management for Process Excellence a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Engineering Management for Process Excellence a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.