

# FACULTY OF ENGINEERING

## DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

### MECHANICAL AND AEROSPACE ENGINEERING

#### Graduate Diploma in Mechanical and Aerospace Engineering

*These regulations are to be read in conjunction with [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.](#)*

#### **Admission**

1. Every applicant for admission to a programme of study must satisfy the General Entrance Requirements as specified in [Regulation 2](#) and any additional Programme Entrance Requirements specified by the Department(s) or School(s) and approved by the relevant Board of Study.

#### **Duration of Study**

2. For full-time study, the minimum duration is 9 months, and the maximum is 24 months. For part-time study, the minimum duration shall be the learning equivalent of the full-time study period taking account of the conditions under which the student will work, the maximum duration is 48 months.

#### **Mode of Study**

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

#### **Curriculum**

4. All students shall undertake an approved curriculum of no fewer than 120 credits as follows:

#### **Compulsory Modules**

<b>Module Code</b>	<b>Module Title</b>	<b>Level</b>	<b>Credits</b>
ME421	Graduate Diploma Individual Project	4	40
16402	Case Studies in Engineering	4	10
16429	Computer Aided Engineering Design	4	20
ME403	Engineering Materials Selection	4	10
ME405	Heat and Flow 4	4	10
ME414	Advanced Mechanics and Dynamics	4	20

#### **Optional Modules**

10 credits chosen from:

<b>Module Code</b>	<b>Module Title</b>	<b>Level</b>	<b>Credits</b>
ME425	Aerospace Propulsion	4	10
ME404	Energy Systems Modelling	4	10

Exceptionally, such other modules totalling no more than 10 credits as approved by the Programme Leader.

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

5. Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners in the coursework and in the Individual Project.
6. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted one further attempt to pass the relevant module(s) normally in the same academic year.

#### **Award**

7. **Graduate Diploma:** In order to qualify for the award of Graduate Diploma in Mechanical and Aerospace Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and have accumulated no fewer than 120 credits from Level 4 of which 40 credits must have been awarded in respect of the Individual Project ME421.