

## Programme Regulations 2009/10

### Degree of Master of Science in Automation and Control

**Code:** 5057

*Notes:*

- (i) *These programme regulations should be read in conjunction with the University's Masters Progress Regulations and Examination Conventions.*
- (ii) *A core module is a module which a student must pass, and in which a fail mark may neither be carried nor compensated; such modules are designated by the board of studies as essential for progression to a further stage of the programme or for study in a further module.*
- (iii) *A compulsory module is a module which a student must take.*

#### 1. Programme structure

- (a) The programme is available for study in full-time mode only
- (b) The period of study for full-time mode shall be 1 year starting in September.
- (c) The programme comprises modules to a credit value of 180.
- (d) All candidates shall take the following compulsory modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>
EEE8005	Industrial Automation, Robotics and Artificial Intelligence	15	15			7
EEE8006	Distributed Control Systems	15	15			7
EEE8007	Advanced Control Systems	15		15		7
EEE8013	Design of Linear Control Systems	15	15			7
EEE8058	Coursework (EP and AC)	10		10		7
EEE8096	Research Methods	20	10	10		7
EEE8097	Individual Project	60			60	7

- (e) All candidates shall take further optional modules to a value of 30 credits from the following:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Credits Sem 3</i>	<i>Level</i>
EEE8001	Signal Processing and Estimation	15	15			7
EEE8010	Advanced Multimedia Systems	15		15		7
EEE8012	Power Electronics	15	15			7
EEE8014	Control of Electric Drives	15		15		7
EEE8017	Power Systems Operation	15		15		7

#### 2. Assessment methods

Details of the assessment pattern for each module are explained in the module outline.