

## **INDUSTRIAL ROBOTICS (ONLINE – JANUARY START – PART TIME) (MSc/PgDip/PgCert)**

**63UH67B1/ 63UH67VX/ 63UH67VZ**

*Duration:* MSc 27 months part-time; PgDip 24 months part-time; PgCert 12 months part-time

*Content:* All candidates must take the following compulsory courses:

### Year 1

- EG556H Kinematics and Dynamics of Industrial Robot Arms (15 credit points)
- EG556K Rehabilitation Engineering and Biomechanics (15 credit points)
- EE501B Advanced Control Engineering (15 credit points)
- EG506M Introduction to Mobile Robotics and Bioinspiration (15 credit points)

### Year 2

- EG556T Mathematical Optimisation (15 credit points)
- EG556J Industrial Robot Programming and Learning (15 credit points)
- CS501F Applied Artificial Intelligence (15 credit points)
- EG506P Intelligent Robotics for Energy Infrastructure (15 credit points)

### Year 3 (for MSc candidates only)

- EG555N Individual Project (60 Credit Points)

*Assessment:* By a combination of written examination and course work as prescribed for each course. In addition, MSc candidates must submit a dissertation on their individual project and may be required to undergo an oral examination. The degree of MSc shall not be awarded to a candidate who fails to achieve a CGS Grade of D3 or above in the individual project, irrespective of their performance in other courses.