

INDUSTRIAL ROBOTICS (ONLINE) (SEPTEMBER START) (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 shall be required to attend the following designated programme of courses:

Year 1

EE501B Advanced Control Engineering (15 credit points)
EG5077 Project Management (15 credit points)
EG556H Kinematics and Dynamics of Industrial Robot Arms (15 credit points)
EG556K Rehabilitation Engineering and Biomechanics (15 credit points)

Year 2

CS501F Applied Artificial Intelligence (15 credit points)
EG506P Intelligent Robotics for Energy Infrastructure (15 credit points)
CS551X Software Agents and Multi-Agent Systems (15 credit points)
EG556T Mathematical Optimisation (15 credit points)

Year 3 (MSc candidates only)

EG59F2 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.