ROBOTICS AND ARTIFICIAL INTELLIGENCE (ONLINE) (SEPTEMBER START) (MSc/PgDip/PgCert)

63UH6RB1/63UH6RVX/63UH6RVZ

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

Content: Candidates shall be required to attend the following designated programme of courses:

Year 1

EG506P   Intelligent Robotics for Energy Infrastructure (15 credit points)
EG5077   Project Management (15 credit points)
EG556H   Kinematics and Dynamics of Industrial Robot Arms (15 credit points)
EG556T   Mathematical Optimisation (15 credit points)

Year 2

CS5064   Machine Learning (15 credit points)
CS501F   Applied Artificial Intelligence (15 credit points)
CS551X   Software Agents and Multi-Agent Systems (15 credit points)
CS552K   Data Mining with Deep Learning (15 credit points)

(MSc candidates only)
EG59F2   Individual Project (60 credit points) (continues into Year 3)

Year 3 (MSc candidates only)

EG59F2 MSc Individual Project (60 credit points) (continued from Year 2)

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.