INDUSTRIAL ROBOTICS (ONLINE – SEPTEMBER 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:

<u>Year 1</u>

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

<u>Year 2</u>

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

<u>Year 3 (for MSc candidates only)</u>

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.