

## **PROCESS SAFETY (ONLINE) (JANUARY START) (MSc/PgDip/PgCert)**

**63UH12B1/63UH12VX/63UH12VZ**

*Duration:* MSc 30 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

- EG551E Applied Risk Analysis and Management (15 credit points)
- EG55Q5 Human Factors Engineering (15 credit points)
- EG503G Computational Fluid Dynamics (15 credit points)
- EG50S3 Safety & Risk Management (15 credit points)

### Year 2

- EG501G Fire and Explosion Engineering (15 credit points)
- EX501A Air and Water Pollution Control (15 credit points)

*Two from the following:*

- EG552T Legislation, Economics and Safety (15 credit points)
- EG555W Sustainable Engineering Challenges (15 credit points)
- EG557H Advanced Process Control (15 credit points)

### Year 3 (MSc candidates only)

- EG555N MSc 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.