

Announcement

Safety and Risk Analysis for Design and Operation, 13–15 June 1994

Aim of the course

The demands of the legislators and of society in general for ever-increasing standards of safety and risk reduction for industrial activities has led to a considerable amount of effort being put into methods of safety analysis and risk assessment. Many of the techniques were originally developed for the nuclear and chemical industries but they can be applied to a wide range of industrial and related activities. The aim of the course is to introduce users to the various techniques now available to examine and quantify risk and to ensure that the risks resulting from industrial activities are kept as low as reasonably practicable.

Topics which will be covered include:

- Risk terminology and definitions
- Risk criteria and acceptability
- Hazard and operability studies
- Failure mode and effect analysis
- Fault tree and event tree analysis
- Consequence analysis
- Human factors in safety

Who should attend

The course is intended for practising engineers in industries which handle hazardous materials or involve the use of hazardous processes. It is of particular interest to people involved in the preparation of 'safety cases' to satisfy new legislation or in the course of making planning applications. No prior knowledge of any of the above topics will be assumed.

For further information

Please contact: Rebecca Simons, Course Administrator, University of Cambridge Programme for Industry, 1 Trumpington Street, Cambridge CB2 1QA, UK, Tel.: (+ 44-223) 332722; fax: (+ 44-223) 301122; e-mail: rjs1008@uk.ac.cam.phx.