Understanding Safety Cases: Development, Maintenance and Your Responsibilities

Safety cases provide a formal argument, supported by evidence, that a system is acceptably safe for a given application in a specified environment. Taking both a commercial and military perspective of safety critical systems requirements, this course employs a variety of different situations to demonstrate how to develop and assess a safety case. The course is aimed at all those who have involvement in a safety case, from those responsible for developing and managing them to those required to accept a safety case as a deliverable from a contractor. The course provides managers with the knowledge to recognise if a safety case is complete.

Your programme

08.45 Registration and refreshments
9:00 Introductions
9:15 Purpose of a safety case
   • Key reasons for preparation of a safety case
   • Discuss historical incidents and their impact on legislation
   • Corporate manslaughter and current legislation.
10:00 Safety concepts
   • Safety definitions
   • Principles of hazard identification and risk assessment.
10:45 Refreshments
11:00 Hazard log management
   • Development of the loss model
   • Risk management through the loss model
   • Maintenance of the hazard log.
11:30 Risk assessment and ALARP master class
   • Application of the principles of risk assessment
   • Exploring the application and limitations of the ALARP principle.
12:45 Lunch
13:30 Safety case methodology
   • Development of a safety case argument
   • Case study on the use of GSN (Goal Structuring Notation)
   • Soft/cultural factors.
14:15 Syndicate GSN Exercise
15:00 Refreshments
15:15 Other safety argument construction software
   • Examples of the use of safety case argument software tools using:
     - GSN
     - Claims, arguments and evidence.
15:45 Safety case report structure
   • Examples of report structures as provided in standards and other recognised publications.
16:15 Summary
16:30 Close.
**Delegate Details**

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<th>Name</th>
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**Booking and Fees**

I wish to make a firm booking for:

**Course name***

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Applicable Fee Rate***:  
- Early Booking:
  - Standard Rate:  
  - Additional Rate:  

(Please note self-funders are required to provide payment before a booking is confirmed)

*Some bookings may be subject to completion of a course application process. Contact the Training Team for more details events@edifera.com

**Fee rates can be found on our website www.edifgroup.com.**

**Payment Method**

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Payment has been made by bank transfer
By signing and returning this form to Edif ERA, you agree to be bound by the following (in order of precedence): (1) the terms of this booking form; (2) the applicable Edif ERA’s Training and Publications Terms and Conditions or MET Standard Terms and Conditions*, and (3) Edif ERA's Terms and Conditions of Sale**

Name....................................................................................................................................Signature........................................................................................................


** http://www.edifgroup.com/legal-policies/standard-terms-and-conditions

Important information

Early booking rates:
Some courses offer an early booking rate, which is valid for up to one calendar month before the date of the course and can only be claimed at the time of booking. Please contact the Training Team for further information at events@edifera.com

Discounted Additional booking rates:
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Did you know?
All AccessERA subscribers receive a 10% discount on some of the Edif ERA current course prices at the time of booking when the booking is made directly with the Events Team. To find out more, please email: events@edifera.com.

Ways to book:
Online: http://shop.era.co.uk
Total security is assured and normal booking conditions apply.
Tel: +44 (0)1372 367319 - Please be prepared to quote a purchase order number or supply us with credit card details.
Fax: +44 (0)1372 367321*
Mail: The Events Team, Edif ERA, Cleeve Road, Leatherhead, Surrey KT22 7SA.

How to pay:
Payment must be made before attendance at the event and must be made in £ sterling only. Self-funders will be required to pay the course fee in full before a booking is confirmed. Acceptable methods of payment, credit card or bank transfer. Bank transfers, free of all charges, can be made to ERA Technology Ltd via: HSBC, 9 The Boulevard, Crawley, RH10 1UT; sort code: 40-18-22, account no. 22178095. When paying by bank transfer, please quote the relevant course, course date and the delegate and company name.

Cancellations and transfers:
Cancellations and transfers must be sent via email to events@edifera.com or received in writing to the following address: FAO: Events Team, Edif ERA, Cleeve Road, Leatherhead, KT22 7SA. Cancellations and transfers received up to the 15th working day prior to the event will be subject to a charge of 20% of the invoiced course fee + VAT or 20% of the AccessERA credits charged. After this 15-day deadline, transfers cannot be accepted and cancellations will be subject to payment in full or 100% of the AccessERA credits charged. Delegate substitutions can be made at any time.

☐ Please tick here if you would prefer not to receive details about future events or services offered by Edif ERA.

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