

## SYSTEM SAFETY ASSESSMENT COURSE HERTFORDSHIRE UNIVERSITY

START TIME	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
09:00	Welcome and Introduction to System Safety Assessment - Ray Cherry & Maurice James	Tutorials - Ray Cherry & Maurice James	System Related Accidents - Tony Cable	Human Factors Issues In Aircraft Systems - Dr Stephen Jarvis	Fire - Peter Chittenden
10:00		Failure Mode & Effect Analysis - Maurice James	Fault Tree Analysis - Ray Cherry	Tutorials - Ray Cherry & Maurice James	Software for Safety Critical Systems - Mat Bennion
11:00	Break				
11:15	Functional Hazard Assessment, Dependence Diagrams and Probability Calculations - Ray Cherry	Failure Mode & Effect Analysis - Maurice James	Enhanced Fault Tree Analysis and Example Motor Car Braking System- Ray Cherry & Maurice James	Common Cause Failures - Ray Cherry	Safety in a Regulatory Framework - John Vincent
12:15	Functional Hazard Assessment, Dependence Diagrams and Probability Calculations - Ray Cherry & Maurice James	Failure Mode & Effect Analysis - Maurice James	Enhanced Fault Tree Analysis and Example Motor Car Braking System- Ray Cherry & Maurice James	Zonal Safety Analysis - John Donson	Questions and Answers
13:15	Lunch				CLOSE
14:00	Reliability of Systems and Equipment - Ray Cherry	Tutorials - Ray Cherry & Maurice James	Enhanced Fault Tree Analysis and Example Motor Car Braking System- Ray Cherry & Maurice	Example of a Helicopter System Safety Assessment & Computer Analysis - Maurice James	
15:00	Break				
15:15	Reliability of Systems and Equipment - Ray Cherry & Maurice James	Course Exercise- Ray Cherry & Maurice James	Course Exercise- Ray Cherry & Maurice James	Course Exercise- Ray Cherry & Maurice James	
16:15	Course Exercise- Ray Cherry & Maurice James	Course Exercise- Ray Cherry & Maurice James	Course Exercise- Ray Cherry & Maurice James	Course Exercise- Ray Cherry & Maurice James	
17:15	Close				
Modules shown in yellow indicate Delegate Exercises.					
19:00	Welcome to Hertfordshire University -TBD	System Related Accidents - Tony Cable	Flight Deck Ergonomics - Dr. Stephen Jarvis	Course Dinner	