

Time	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09:00	<p>Opening of the Course - JRC <i>presenter</i></p> <p>Introduction. Presentation attendees and instructors – international perspective discussed. <i>Conger</i></p> <p>Model Program for root cause analysis - Overall process; discussion of PRA tools to assist with risk determination at the beginning of the investigation for risk screening/significance. <i>Conger</i></p>	<p>Exercise – Events & Causal Factors developed. Interview questions prepared. <i>Conger / Esteban</i></p> <p>Safety Culture & Human Performance - impact on other system components, emphasis on types of and underlying reasons for personnel errors <i>Conger</i></p>	<p>Mid-Point Check - Brief Presentations of Analytical Results by working groups [with instructor comment]; mid-course corrections as needed <i>Esteban / Conger</i></p>	<p>Exercise – Presentation of MORT Analysis by teams with instructor comments <i>Conger / Esteban</i></p> <p>Exercise – complete all analysis and interviews <i>Conger / Esteban</i></p>	<p>Exercise - Presentation of Working Groups Results <i>Conger</i></p>
10:30	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:00	<p>Model Program for Root Cause Analysis – continued Emphasis on extent of condition and extent of cause, and international perspective. <i>Conger</i></p> <p>Information Gathering – Hardware - Typical hardware failure signs, gather and preserve evidence, trace failures to causes, searching for data in & outside <i>Conger</i></p>	<p>Analytical Techniques - Brief introductory guidance <i>Esteban</i></p> <p>Change Analysis – Role of change in accidents and model for identifying changes <i>Esteban</i></p> <p>Exercise – Change Analysis begins (with interview)</p>	<p>Management Oversight and Risk Tree (MORT) Analysis - Discussion and illustration of the Management Oversight and Risk Tree chart. Includes a detailed discussion of the major branches of the chart and how to select the appropriate branches for use during investigations. <i>Conger</i></p>	<p>Determining Causes and Report preparation, including Corrective Actions <i>Conger</i></p> <p>Exercise: Integrating Analytical Techniques and Report Preparation – working groups <i>Conger / Esteban</i></p>	<p>- Course Evaluation</p> <p>- Closure of the Course – including round table discussion of the course with JRC leader</p>
12:30	Lunch break	Lunch break	Lunch break	Lunch break	
13:30	<p>Events and Causal Factors Analysis - Guidelines, symbols and directions for sequencing an accident on events and causal factors chart. <i>Conger</i></p>	<p>Barrier Analysis - Using barrier analysis to describe, design and analyze systems for root causes. <i>Esteban</i></p> <p>Exercise – Barrier Analysis start, CA continues, interview</p>	<p>Exercise – MORT Analysis including safety culture and human performance (with interviews) <i>Conger / Esteban</i></p>	<p>Oral Briefings - How to prepare, organize and deliver an effective oral briefing <i>Conger</i></p>	
15:00	Coffee break	Coffee break	Coffee break	Coffee break	
15:30	<p>Investigative Interviewing – Conducting an interview, opening of the interview, question types/sequences, closing. Handling different types of interviewees, e.g., hostile, talkative, quiet. <i>Conger</i></p>	<p>Analytic Trees - uses, principles of construction, parts, examples, symbols, with emphasis on fault trees <i>Conger</i></p> <p>Exercise: Fault Tree begin; E&CFC; Change Analysis; Barrier Analysis update (with interviews) <i>Conger / Esteban</i></p>	<p>MORT Exercise- continued (with interviews) <i>Conger / Esteban</i></p>	<p>Exercise - Presentation of Working Groups Results <i>Conger</i></p>	
17:00	<p>Exercise – Case study introduction and lists. <i>Conger</i></p>				