

Failure Mode and Effects Analysis (FMEA) Workshop*

The Ranch Golf and Country Club
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Friday, March 5, 2010

8:00 a.m.	<i>Registration & Continental Breakfast</i>
8:30 – 8:45	Welcome
8:45 – 9:15	Overview of Systems Approach
9:15 – 9:30	Video Presentation
9:30 – 9:45	<i>Break</i>
9:45 – 10:00	Overview of Human Factors Engineering (HFE)
10:00 – 10:30	Introduction to FMEA Step 1 and Step 2
10:15 – 10:45	Small Group Exercise – Everyday FMEA
10:45 – 11:00	<i>Break</i>
11:00 – 12:00 p.m.	<u>Group Work</u> Step 1: Selection of a High Risk Process and Team Step 2: Diagram the Process and the Sub-Processes
12:00 – 12:45	<i>Lunch (provided)</i>
12:45 – 1:15	Introduction to FMEA Step 3, Step 4, and Step 5
1:15 – 2:30	<u>Group Work</u> Step 3: Brainstorm Potential Failure Modes and their Effects Step 4: Brainstorm Potential Causes Step 5: Prioritize Failure Modes
2:30 – 2:45	Introduction to FMEA Step 6 and Step 7
2:45 – 3:00	<i>Break</i>
3:00 – 3:30	<u>Group Work</u> Step 6: Redesign Process Step 7: Analyze and Test the New Process
3:30 – 3:45	Introduction to FMEA Step 8
3:45 – 4:00 p.m.	Closing Remarks /Feedback

*Workshop curriculum derived from the Canadian Failure Mode and Effects Analysis Framework[®] developed by ISMP Canada.