Course Title: CCPS’ Advanced Concepts for Process Hazard Analysis

Course ID: CH754  
Course Type: Instructor-led (classroom) Course

http://www.aiche.org/ch754

Course Schedule

Day One

8:00 - 8:30  Registration
8:30 - 9:00  Introductions; course overview
9:00 - 10:00 Bow-Tie Analysis
10:00 - 10:15 Morning Break
10:15 - 12:00 Layer of Protection Analysis (LOPA)
12:00 - 1:00 Lunch Break
1:00 - 3:00  Conditional modifiers; HAZOP/LOPA
3:00 - 3:15  Afternoon Break
3:15 - 5:00  HAZOP/LOPA of example process (workshop exercise)

Day Two

8:00 - 10:00  Concept of importance measures applied to PHAs (workshop exercise)
10:00 - 10:15 Morning Break
10:15 - 12:00 Using a PHA to identify Safety Instrumented Systems and determine Safety Integrity Levels
12:00 - 1:00 Lunch Break
1:00 - 2:30  Tools for assessing impacts of PHA scenarios
2:30 - 3:00  Evaluating chemical reactivity hazards in PHAs
3:00 - 3:15  Afternoon Break
3:15 - 4:30  Additional topics of interest; course wrap-up