

Course Title: CCPS' Advanced Concepts for Process Hazard Analysis

Course ID:	Course Type:
CH754VTL	Instructor-led Virtual Course
https://www.aiche.org/academy/courses/ch754vtl/advanced-concepts-process-hazard-analysis-virtual	

Day One

10:45 – 11:00

Log into WebEx training center to test connections

11:00 – 11:15

Welcoming remarks

11:15 – 1:00

- Bow Tie Analysis with worked example

1:00 – 1:30

Lunch break

1:30 – 3:30

- Layer of Protection Analysis (LOPA)

Day Two

10:45 – 11:00

Log into WebEx training center to test connections

11:00 – 11:15

Welcoming remarks

11:15 – 1:00

- Layer of Protection Analysis (LOPA), continued

1:00 – 1:30

Lunch break

1:30 – 3:30

- LOPA worked examples
- HAZOP/LOPA

Day Three

10:45 – 11:00

Log into WebEx training center to test connections

11:00 – 11:15

Welcoming remarks

11:15 – 1:00

- Order-of-Magnitude HAZOP Study worked example

1:00 – 1:30

Lunch break

1:30 – 3:30

- Importance measures and Cumulative Risk/Benefit Analysis
- Safety Integrity Level (SIL) determination

Day Four

10:45 – 11:00

Log into WebEx training center to test connections

11:00 – 11:15

Welcoming remarks

11:15 – 1:00

- Evaluating chemical reactivity hazards in PHAs

1:00 – 1:30

Lunch break

1:30 – 3:30

- Tools for assessing PHA scenario impacts
- Final Q&A session; comprehension check; course wrap-up