

Safety, Health and Environment

Session	Recommended Topic Sequence
1	Course Overview
2	Introduction to Hazard Types
3	Introduction to Hazard Types: Routes of Entry, Dose Response, Acute/Chronic Exposure
4	Introduction to Hazard Types: Environmental Effects of Hazardous Agents
5	Introduction to Hazard Types: Environmental Effects of Hazardous Agents
6	Test Review
7	Test #1
8	Chemical Agents - Gases, Vapors, Solvents, and Particulates
9	Chemical Hazards - Process Fluids
10	Hazardous Chemical Categorization
11	Noise, Heat, Radiation, and Electricity
12	Fire, Explosion, and Detonation
13	Test Review
14	Test #2
15	Biological, Ergonomic & Plant-Specific Hazards
16	Plant-Specific Hazards
17	Engineering Controls - Alarms and Indication Systems
18	Engineering Controls - Process Containment and Process Upset Controls
19	Test Review
20	Test #3
21	Administrative Controls - Programs
22	Administrative Controls - Practices
23	Personal Protection Equipment - Overview
24	Monitoring Equipment - Overview
25	Permitting Systems
26	Fire, Rescue, and Emergency Response Equipment
27	Regulatory Overview: OSHA - Part I
28	Regulatory Overview: OSHA - Part II
29	Regulatory Overview: EPA - Parts I & II
30	Regulatory Overview: NFPA & DOT
31	Regulatory Overview: State & Others - Projects Due
32	Take Home Exam Due