



Course Title: Process Safety Management Overview

Course ID:	Course Type:
ELS105	eLearning Course
http://www.aiche.org/els105	

Course Outline

Unit One

- o Lecture One: History of and Reasons for Process Safety
- o Lecture Two: OSHA 14 Regulatory Requirements
- o Lecture Three: CCPS 20 Elements
- o Lecture Four: PHAs-Process Hazards Analysis
- o Lecture Five: Management of Change

Unit Two

- o Lecture One: Mechanical Integrity (and Reliability)
- o Lecture Two: Incident investigation
- o Lecture Three: LOPA Overview (Layer of Protection Analysis)
- o Lecture Four: Risk Estimation and Management (Part 1)
- o Lecture Five: Risk Estimation and Management (Part 2) + Course wrap-up

Final Exam: 25 Questions