



**Course Title:** Process Safety Management Overview

<b>Course ID:</b>	<b>Course Type:</b>
ELS105	eLearning Course
<a href="http://www.aiche.org/els105">http://www.aiche.org/els105</a>	

**Course Outline**

Unit One

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

Unit Two

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

Final Exam: 25 Questions