



Course Title: SChE Certificate Program – Risk Assessment

Course ID:	Course Type:
ELA903	eLearning Course
http://www.aiche.org/ela903	

Course Outline

SChE Certificate Program – Risk Assessment

- Screening Analysis Techniques
- Hazard and Operability Studies (HAZOPS)
- Checklist Reviews
- Fault Tree and Event Tree Analysis
- Preliminary Hazards Analysis
- Chemical Plume and Dispersion Analysis
- Safety Audit
- Explosion and Fire Analysis
- What-if Analysis
- Assessment of Health Effects
- Failure Modes and Effects Analysis (FMEA)
- Quantified Risk Assessment
- Quiz: 26 Questions