



**Course Title:** SChE Certificate Program – Dust Explosion Control

<b>Course ID:</b>	<b>Course Type:</b>
ELA906	eLearning Course
<a href="http://www.aiche.org/ela906">http://www.aiche.org/ela906</a>	

**Course Outline**

- **Section One**
  - CSB materials on dust accident history and relevant codes and standards
    - 2006 Combustible Hazard Study
    - Imperial Sugar Explosion
- **Section Two**
  - Basic concepts for understanding dust explosions
    - Two CSB combustible dust hazard studies
    - Presentation on the fundamentals of explosions
    - Deadly Dust II video
- **Section Three**
  - Physical properties of dusts related to explosibility, conditions for accumulation of static charges, calculations for potential ignitions, and fundamentals of eliminating dust ignitions from build-up of static
    - PDF presentation on explosions
    - Deadly Dust III video
- **Final Exam**