



Course Title: DIERS' Basic Emergency Relief System Design

Course ID:	Course Type:
CH172	Instructor-led (classroom) Course
http://www.aiche.org/ch172	

Course Schedule

Day One

- Introduction
- Introduction to ERS design tools (SuperChems lite for DIERS, CCflow)
- Terminology, codes, standards & guidelines
- Overpressure protection equipment
- Mass and energy balance for ERS design
- Fluid flow fundamentals for ERS design

Day Two

- Vapor / liquid disengagement
- Overview of relief system design
- Capacity requirements for specific scenarios

Day Three

- Handling reactive and thermally unstable materials (an introduction to reactive relief design).
- Additional ERS Topics