



Course Title: Flow of Solids in Bins, Hoppers, Chutes, and Feeders

Course ID:	Course Type:
ELS102	eLearning Course
http://www.aiche.org/els102	

Course Outline

Unit One

- Lecture One: Bulk solids handling fundamentals
- Lecture Two: Flow patterns in bins and hoppers
- Lecture Three: Flow properties testing
- Lecture Four: Bulk solids feeders
- Lecture Five: Fine powder flow phenomena

Unit Two

- Lecture One: Interpreting a flow properties report
- Lecture Two: Silo/bin design example
- Lecture Three: Particle segregation mechanisms
- Lecture Four: Solutions to segregation
- Lecture Five: Design of transfer chutes

Final Exam: 50 Questions