



Course Title: Crystallization Process Development

Course ID:	Course Type:
ELA101	eLearning Course
http://www.aiche.org/ela101	

Course Outline

- **Lecture One:** Introduction to Crystallization Process Development
- **Lecture Two:** Basics of SLE Behavior and Phase Diagrams
- **Lecture Three:** Thermodynamics-based Conceptual Design of Crystallization Processes
- **Lecture Four:** Synthesis of Crystallization-based Separation Processes
- **Lecture Five:** Crystallization Processes Involving More Complex SLE Behaviors
- **Lecture Six:** Polymorphic Crystallization and Chiral Resolution Process
- **Lecture Seven:** Modeling, Experiments, and Analysis of Experimental Data
- **Lecture Eight:** Design and Scale-up Issues An Overview
- **Final Exam:** Questions