Course Title: Crystallization Process Development

Course ID: ELA101  
Course Type: 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