



Course Title: Essentials of Chemical Engineering for Operators

Course ID:	Course Type:
ELA117	eLearning Course
http://www.aiche.org/ela117	

Course Outline

Unit One

- **Lecture One: Conservation Principles**
- **Lecture Two: Chemical Reactions**
- **Lecture Three: Thermodynamics and Equilibrium**

Unit Two

- **Lecture One: Fluid Flow and Mixing**
- **Lecture Two: Heat Transfer**
- **Lecture Three: Chemical Reactors**
- **Lecture Four: Process Control**

Unit Three

- **Lecture One: Distillation**
- **Lecture Two: Mass Transfer Operations**

- **Final Exam: Questions**