

# Course Learning Objectives - CBE 380

## Seminar (1)

At the conclusion of this course, the student should have demonstrated awareness of:

1. The engineer's professional and ethical responsibilities, for example, (a) professional registration; (b) responsibility of the engineer to his/her employer and to society.
2. The impact of engineering solutions in a global and societal context.
3. The necessity of lifelong learning for an engineer.
4. Environmental protection, including environmentally benign chemical processes.
5. Chemical process safety concepts, for example, (a) management for process safety; (b) safe handling of toxic materials; (c) principles of fires and explosions; (d) design for inherent safety.
6. Contemporary issues related to the process industries.