

CH EN 5253 Design II

Educational Objectives

The educational objective of this course is to help you become a System Thinking Engineer.

Systems thinking is often defined as an approach to problem solving that characterizes issues in light of the complete system rather than an individual isolated component.

In the context of industrial processes, system thinking is a methodology whereby multi-discipline teams ask questions about the system as a whole in order to understand how the big picture affects the little pictures that comprise the big picture.

For more information see:

<http://www.che.utah.edu/~ring/Design II/Articles/The-Habits-of-a-Systems-Thinker.pdf>