

# COLLEGE OF CHEMISTRY COURSE GUIDE (../INDEX.HTML)

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## **IEOR 170 - INDUSTRIAL DESIGN AND HUMAN FACTORS (3 UNITS)**

(Taken from the UC Berkeley Course Guide (<http://guide.berkeley.edu>))

### **COURSE OVERVIEW**

#### **SUMMARY**

This course surveys topics related to the design of products and interfaces ranging from alarm clocks, cell phones, and dashboards to logos, presentations, and web sites. Design of such systems requires familiarity with human factors and ergonomics, including the physics and perception of color, sound, and touch, as well as familiarity with case studies and contemporary practices in interface design and usability testing. Students will solve a series of design problems individually and in teams.

#### **PREREQUISITES**

Upper division standing

Spring only

#### **WORKLOAD**

#### **TIME COMMITMENT**

3 hours of lecture per week.

Made by Angela Lee, c/o 2019



lang=en) students/peer-

advising