

# **SYSTEMS DESIGN ENGINEERING**

## **Psychological Issues in Product Design**

**SYDE 740 - Topic 3**

**Fall**

The aim of this course is to give students a real-world perspective on user-centred design and psychological basis for issues that affect human-computer iteration. Industry speakers (from the Ottawa-area) will be speaking on their area of expertise, as it relates to UCD and HCI.

There will be a major team project in which the steps in product design will be integrated around a single product of your choice. The project will involve doing task/user analysis, designing the user interface for the product, building, prototype user interfaces, iterative usability testing of prototypes -- using all the techniques covered in the course. No functionality will be required.

The class will meet concurrently with a class meeting at Carleton University, via IP-based video conferencing. While conversations, both during the class and on-line, will be inter-institutional, project teams will be co-located. (In other words, UW students will be working on project teams, and CU students will be working on different project teams.)

---

**INSTRUCTOR:** L. Bringelson  
**Email:** lbringel@uwaterloo.ca