

**COURSE DESCRIPTION**

The course introduces the concepts of human-computer interaction and user-centered design. Topics include: human information processing, usability principles, user interface paradigms, design of user interfaces, usability engineering.

**CONTACT INFORMATION FOR INSTRUCTOR**

Instructor	Office	Phone	E-mail and Web page	Office Hours
Sophie Quigley	ENG263	7401	cp8205@scs.ryerson.ca <a href="http://www.scs.ryerson.ca/~quigley/">http://www.scs.ryerson.ca/~quigley/</a>	See instructor web page

**ELECTRONIC COURSE INFORMATION**

Course Web Site: <http://cp8205.scs.ryerson.ca/>

All announcements will be posted at this address.

**It will be assumed throughout the course that students are familiar with the contents of the web site, in particular the course policies and are reading the announcements regularly.**

**TEXT**

- [Interaction Design: Beyond Human-Computer Interaction 4th Edition](#) by Jennifer Preece, Yvonne Rogers, Helen Sharp, Wiley, 2015 ISBN: 978-1-119-02075-2. The previous editions of this book are also OK.
- Chapter 2 of "Developing User Interfaces" by Hix and Hartson. Copies of this chapter can be purchased at cost (about \$5-\$10) at the Ryerson bookstore. Ask for the custom printing of "Usability Guidelines" for CPS613.

**LECTURES AND LABS**

This course is cross-listed with the undergraduate course [CPS613](#). There are 3 lecture hours per week in this course, which are shared with CPS613. A few of the CPS613 labs on Thursday 8 to 10 or 10 to 12 are also compulsory for CP8205. Times and location are posted on the course web page at the link ["Schedule of lectures and labs"](#).

CPS613 also includes a Visual Studio component which is a very useful prototyping tool for the course project. The Visual Studio component is self-taught in CPS613 via [lab1](#), an [assignment](#), and a [set of modules](#). These three CPS613 assessments are not part of the CP8205 workload or marking scheme, but CP8205 students who do not know Visual Studio are encouraged to do the CPS613 lab1 and as much of the other assessments as is necessary in order to learn enough Visual Studio for their project. They are welcome to attend all the CPS613 Visual Studio lab sessions.

**EVALUATIONS**

See [CP8205 marking scheme web page](#) or reverse of this printout.

**TEAM WORK POLICY**

60% of the course grade is for team work. The minimum team size is 3 people. All students must be part of a team and participate in the teamwork to pass this course. See course web page for further details. Teams can include both CP8205 and CPS613 students.