
title: Syllabus

layout: default

Human Computer Communications

Fall 2017 – CS428-001/CS828-001

Meetings: ED 314, MW, 13:00-14:15

September 6 – December 4, inclusive

Instructor: Dr. Daryl Hepting

E-mail: hepting@cs.uregina.ca

Office: College West 308.22

Office Hours: TBD

Telephone: 306-585-5210

Final Exam: December 20, 09:00-12:00

Web Site: <https://urcourses.uregina.ca/course/view.php?id=2084> (URcourses)

<http://www2.cs.uregina.ca/~hepting/teach/cs428+828/201630/>

Promises:

“In short, it seems worthwhile to avoid argument with (other) enthusiasts for artificial intelligence by conceding dominance in the distant future of cerebration to machines alone. There will nevertheless be a fairly long interim during which the main intellectual advances will be made by men and computers working together in intimate association. A multidisciplinary study group, examining future research and development problems of the Air Force, estimated that it would be 1980 before developments in artificial intelligence make it possible for machines alone to do much thinking or problem solving of military significance. That would leave, say, five years to develop [hu]man-computer symbiosis and 15 years to use it. The 15 may be 10 or 500, but those years should be intellectually the most creative and exciting in the history of mankind.”

-- J. C. R. Licklider (head of DARPA), 1960

We are now living in those most creative and exciting years in the history of mankind and this class will help you to engage in them fully.

You will come to know, through doing, that design is hard (yet worthwhile!): you need to start somewhere, to jump in and get your hands dirty, to begin without judgment and respond with reflection. You will glimpse what is exciting, empowering, and important about interaction design. You will gain sensitivity to the impacts of interaction design on

real people. You will see the necessity of a multidisciplinary perspective. You will think critically, creatively, and computationally about designs and design problems using the foundational concepts of this discipline.