

# Human-Computer Interaction

Week 1 Lecture 1C

Organising the course

COMP 3900 & COMP 6390

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# Class times (check on Wattle)

## Lectures:

Wednesdays 3-5pm, Thursdays 11am-12 noon

Week 7: no Wednesday lecture

Weeks 4, 7, 11, 13: no Thursday lecture

## Tutorials:

Scheduled for Tuesdays and Wednesdays. Sign up on Wattle to your chosen time

There are 8 weeks of tutorials. Each has a special purpose. There will be a worksheet for each tutorial on Wattle. Make sure you come to each of them.

# Course Outline

- See the Wattle page for the PDF
- Learning by doing (see the list of course outcomes)
- Using research methods in HCI
- Focus on the students
- Academic integrity:
  - Do your own work
  - Yes, use previously published ideas and results and be sure to properly cite and reference them
  - Work together as a group
- If you need an extension for submitting work then talk to/email the lecturer early.

# Text books

The Design of Everyday Things by Donald Norman (2013 edition).

This is an easy-to-read popular paperback written by a psychologist who has had a long career in the field of user interaction. Get or borrow a copy and read it. There should be copies in the ANU bookshop.

Interaction Design by Rogers, Sharp & Preece (4<sup>th</sup> edition 2015, also 3<sup>rd</sup> edition 2011)

This was written as a textbook for courses like ours. There are two copies of the 3<sup>rd</sup> edition on short-term loan in the Hancock library. Look at the table of contents and spend an occasional hour reading the chapters that link to the week's lectures.

# Text books

Research Methods in Human-Computer Interaction by Lazar, Feng and Hochheiser (2010).

This is a text book that focuses on methods for evaluating interactive systems. Wait until you start on an HCI project (honours, masters or PhD) then buy/borrow a copy and read it from cover to cover.

Basics of Qualitative Research, 3<sup>rd</sup> edition by Corbin and Strauss (2008)

You can read, understand and use this book. It is a modern approach to using Grounded Theory to collect and work with qualitative data. Wait until you have a project that needs qualitative data and buy yourself a copy. Use it as an instruction manual

# Text books

## Action Research, 3<sup>rd</sup> edition by Ernest Stringer (2007).

Action Research is a special way of doing applied socially-focused research where the researcher and target community work together as partners. We will discuss this later in the semester. There is a copy in the ANU library. Wait until you are ready to use this approach then buy the book.

## Killer UX Design by Jodie Moule (2012)

Written by the director of an Australian “experience design consultancy”, this book describes attitudes and approaches to designing interactive systems that align well with this course. Look at the table-of-contents of the lecturer’s copy and decide for yourself if/when you will get your own copy

# Summing up

- The lecture and tutorial times are for active learning
- Make notes from the discussions – these will be your own original data that you can use to explain and illustrate the concepts that we discuss
- Start early on the assignments
- Ask questions – in lectures, after lectures, by email, ask your tutor, ask the student next to you ...
- You can ask “I don’t understand ...” questions and you can ask “This is what I think you said ..., am I correct?” questions.
- We all need to make this course a safe place to ask questions.