User Centered Systems Design, spring 2010

User centered system design
Introduction and Usability

Jan “Gulan” Gulliksen
Dept for IT/HCI, Uppsala University, Sweden
Jan.Gulliksen@it.uu.se

http://acsd.hci.uu.se/

User centered systems design. Part 1: Introduction and Usability

Human Computer Interaction

“We make IT easier to use”

• Multidisciplinary (technology, design, human sciences)
• Practitioner-centred and action driven research
• Focusing on the future on what is the best for the user
**Goals with the course**

- That thing called usability...is it something special about that, or...?
  - It is not about what it should look like, but about how to get there...
  - Clarify what usability and user centered systems design (UCSD) is.
  - How to work strategically to introduce usability to an organization that develops interactive technology.
  - Provide you with “tools” with which you can work user centered.
- Give you opportunities to discuss, criticize and propose your own ideas on how to jointly work towards usable systems.

**Introducing the teachers**
Jan and Bengt

Jan is a professor in HCI at Uppsala University and KTH in Stockholm and a management consultant at Frontwalker. Participates in ISO’s work on software ergonomics. Has done UCSD research since 1990.

Bengt has a PhD in HCI from Uppsala University. He works as a usability and interaction designer at Frontwalker. Has practiced UCSD since 1984.
Rebecka Janols, teaching assistant

Rebecka is a PhD student at the department and will show up here and there during the course.

Prel. Åsa Cajander on use cases and UML

Åsa is a PhD student at the department and will show up here and there during the course.
Roland Bol, CSD on Software engineering theory

v.8 Mandatory Requirements engineering course

Professor Neil Maiden, City university, London
Optional – Inclusive Design and Mobile HCI

Helen Sustar and George Buchanan, City university, London

Practicalities about the course
MS Visio is needed for Requirements Engineering

- The University is a member of the MSDN Academic Alliance (MSDNAA), which gives students free access to (almost all) software from Microsoft, including Visio.
- Apply for a MSDNAA membership and get access to Visio:
  - [http://www.it.uu.se/datordrift/programvara/msdnaa](http://www.it.uu.se/datordrift/programvara/msdnaa)
Examination

To be approved for the credits of this course you need to

- Actively participate in the lectures.
- Read the course literature
- Perform the assignments

- NB: No written examination.