TOOL 5100 / CSCL Fall 2009 August 27

Lectures: Anders Mørch (4-323) and Kathrine Nygård (4-359)
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Dates: August 27 – November 26; *Time:* 10:15 - 12
Location: Visningsrommet, InterMedia, UiO (lower level in Forskningsparken, II)
URL: http://www.uio.no/studier/emner/matnat/ifi/TOOL5100/h09/

Meeting 1: The first meeting is a general introduction to the organization and content of the course, and the topic Computer Supported Collaborative Learning (CSCL)

1.How the course is organized

- Lectures on new topics from reading list on the web (first hour)
- Exercises / lab work (second hour)
- The division between lectures and exercises may vary from meeting to meeting, depending on the topic addressed

2. What the course is about

The course is divided roughly into three content areas:

1. Theory and methods
    a. Two main theoretical ideas will be discussed throughout the course (scaffolding/ZPD and social/personal dependency/perspective-taking, both seen from the perspective of supporting learning), and the original writings of G.H. Mead, and L.S. Vygotsky will form the basis of this
2. Systems and design
    a. The students are encouraged to identify CSCL systems and educational technology as examples to be presented and discussed in class and required to create a component/mockup of a system as part of their semester project (can range from informal design to programming)
3. Collecting and analyzing data
    a. The students will collect data using different methods from the social sciences and taught how to report them using theoretical perspectives

3. Requirements

- 80% attendance, active participation is encouraged as course proceeds, both in classroom discussion as well as contributing to course WIKI
- Presentation of one paper from reading list, or demo of one CSCL tool (students will be grouped into 2 if more than about 8 students) (10%)
- Project report (3 deliverables). Students work in groups and present their project to class on final meeting (40%)
- The final project report should have three main components (theory-perspective, design, analysis). The students can choose to emphasis one of the other of design and analysis. About 20 pages text
- Final oral exam (50%)

4. Prerequisites

The course is an advanced course at the master's level. For this course it means:

- Multidisciplinary communication and multicultural perspectives
- Dealing with sociotechnical systems
- Learning in groups under supervision