

**FDA032**

## **Human-Computer Interaction - HMI604 (HMI)**

### **Lectures:**

45 h.

### **Recommended for**

Graduate students.

### **The course was last given:**

Spring 2000.

### **Goals**

The main objective is to give an overview of the most important research issues in human-computer interaction. In doing so, we will also encounter several design methodologies as well as specific design information. After finishing the course you should be able to design an interface. In addition, the course project will be an empirical study. This will give you experience with another important aspect of HCI research.

### **Prerequisites**

A course in human factors engineering or cognitive psychology or the like.

### **Organization**

Weekly seminars and a course project.

### **Contents**

The course will be taught in a seminar format. Presentations will be made by students. Two or three articles are discussed each time. It is important that you have actually read the articles so that we can have a fruitful discussion. Students are required to bring 2 questions or discussion points per article that can be discussed in class. 15 classes, 3 hours each.

Students will be required to write a conference paper style report on their course project and present it to the class. Both the paper and the presentation will be in English.

### **Literature**

Helander, M.G., Landauer, T. and Prabhu, P. (1997). Handbook of Human-Computer Interaction (2nd. Edition). Amsterdam: Elsevier.

Selected Papers.

### **Teachers**

Vivian Vimarlund.

### **Examiner**

Vivian Vimarlund.

### **Schedule**

Spring 2002.

### **Examination**

Although grades other than pass and fail are not given, it is desirable to give nuanced feedback. You will therefore receive an "informal" grade according to the following criteria:

Class Participation 35 % Seminar Presentation(s) 20 % Project, Paper, and Presentation 45 %

**Credit**  
5 credits.