

**FDA075**

## **Human Performance - HMI501 (HMI)**

### **Lectures:**

20 h.

### **Recommended for**

Graduate students.

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

Fall 2001.

### **Goals**

Introduction to human factors and cognitive ergonomics. Introduces and dominant themes and theories that in large part make up human factors and ergonomics today. Focal point is human cognitive functioning in complex, dynamic environments.

### **Prerequisites**

Graduate Student status, or well-qualified undergraduate (as determined by instructor).

### **Contents**

Historical review of human performance theory, distinction between information processing approaches and ecological approaches.

### **Literature**

Human factors in multi-crew operations. by Orlady, published by Ashgate, UK.

Field Guide to Human Error Investigations. By Dekker.

Selected articles

### **Teachers**

Sidney Dekker, IKP.

### **Examiner**

Sidney Dekker, IKP.

### **Schedule**

Spring 2003.

### **Examination**

One take-home (written) exam will be handed out week 42. The exams are due week 44.

Minimum attendance requirement is 4 lectures out of 5.

### **Credit**

5 credits.

### **Comments:**

Course will be given in English.