

COURSE DETAIL

HUMAN-TECHNOLOGY-ORGANIZATION

Country

Norway

Host Institution

University of Oslo

Program(s)

University of Oslo

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology

UCEAP Course Number

152

UCEAP Course Suffix**UCEAP Official Title**

HUMAN-TECHNOLOGY-ORGANIZATION

UCEAP Transcript Title

HUMAN-TECH-ORG

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course examines the interaction between humans and technology. On an applied level, it discusses how systems should be designed to promote the greatest possible degree of efficiency, safety, and health. The course largely focuses on complex socio-technical systems, such as control room systems, navigation in maritime environments, railway systems, and tunnels. It also considers the design of less complex systems such as websites and software, consumer electronics, and signage systems. The course discusses how human-technology interaction informs wider organizational systems, such as training, selection, reward systems, stress management programs, and deviation regulation. Risk and risk perception, as well as safety culture, are also central themes in the course. On a deeper academic level, the course is central to the study of consciousness, and forms part of a wider discussion within cognitive science.

Language(s) of Instruction

Host Institution Course Number

PSY4404

Host Institution Course Title

HUMAN-TECHNOLOGY-ORGANIZATION

Host Institution Campus

Host Institution Faculty

Social Science

Host Institution Degree

Master

Host Institution Department

Psychology

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