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 Course Details
https://www.uio.no/studier/emner/sv/psykologi/PSY4404/

Host Institution Campus

Host Institution Faculty
Social Science

Host Institution Degree
Master

Host Institution Department
Psychology

Course Last Reviewed
2023-2024

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