



LUNDS UNIVERSITET
Lunds Tekniska Högskola

Course syllabus

Ledarskap, arbetsorganisation och projektledning

Management, Work Organisation and Project Management

MAMN30, 7,5 credits, A (Second Cycle)

Valid for: 2023/24

Faculty: Faculty of Engineering, LTH

Decided by: PLED C/D

Date of Decision: 2023-04-18

General Information

Elective for: BME4, C4, D4, E4-ae, F4, I4-ai, W4

Language of instruction: The course will be given in Swedish

Aim

The aim of the course is for the students to develop an understanding of how industrial work is organised with respect to the productivity of the production system as well as human needs and conditions. Furthermore, the aim of the course is for the students to develop the capability to motivate and apply methods and tools for planning, analyzing, communicating, manage and develop projects and organizations. The course also aims to contribute to insights into human conditions for management and employees, such as motivation, values and attitudes that supports a sustainable and innovative health-promoting leadership, which is in line with UN:s sustainable development goal 8 to promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

Define and discuss basic concepts about structure, distribution and organisation of work. Explain the design of work and production systems and the relation to work satisfaction and productivity.

Competences and skills

For a passing grade the student must

Design a set-up for improvements activities in existing as well as future production systems. Visualize and present a specific subject within the field of work organisation and management.

Judgement and approach

For a passing grade the student must

Suggest and motivate changes in an existing work organisation using basic concepts and principles within the field of work organisation and management.

Contents

The course starts with an historic review and explanations of fundamental theories and explanation models, followed by a written test. The students are organized in teams and summarize relevant work organisation areas in articles and posters and present these in seminars. Cases will be analyzed in cooperation with industrial representatives. Researchers will interact with students and explain trends in work organisation theory and practice. Key words of the course: work organisation, management, participation, changes and improvements, innovation, organisational psychology, work organisation and productivity, stress and workload in working life, sustainable and innovative health promotion management, examples from industry, latest research.

Examination details

Grading scale: TH - (U,3,4,5) - (Fail, Three, Four, Five)

Assessment: For a passing grade the student must actively participate in the compulsory portions as well as receive a passing grade on a project as well as on a written test.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Parts

Code: 0121. **Name:** Written Examination.

Credits: 5. **Grading scale:** TH. **Assessment:** For a passing grade the student must actively participate in the compulsory portions as well as receive a passing grade on a project as well as on a written test.

Code: 0221. **Name:** Project Work.

Credits: 2,5. **Grading scale:** UG. **Assessment:** For a passing grade the student must actively participate in the compulsory portions as well as receive a passing grade on a project as well as on a written test.

Admission

Assumed prior knowledge: Studies equivalent to three years at the five-year MSc program.

The number of participants is limited to: 60

Selection: Completed university credits within the programme. Priority is given to

students enrolled on programmes that include the course in their curriculum.

The course overlaps following course/s: MAMF15, MAMF16

Reading list

- Additional material will be handed out during the course. Articles and interactive presentations are available on the course website.
- Bohgard, M. et al.: E-book/MOOC om Arbete och teknik på människans villkor. Prevent, 2017.

Contact and other information

Examinator: Åsa Ek, asa.ek@design.lth.se

Course coordinator: Jonas Borell, jonas.borell@design.lth.se

Course coordinator: Anders Gudmundsson, anders.gudmundsson@design.lth.se

Course homepage: <http://www.eat.lth.se>

Further information: The course is similar to MAMF16 Work Organization and Management.