



# LTH

FACULTY OF  
ENGINEERING

*Course syllabus*

## Arbetsorganisation och ledarskap Work Organization and Management

**MAMF16, 7,5 credits, G2 (First Cycle)**

**Valid for:** 2023/24

**Faculty:** Faculty of Engineering, LTH

**Decided by:** PLED C/D

**Date of Decision:** 2023-04-18

### General Information

**Main field:** Technology.

**Compulsory for:** KLMT3, R2

**Elective Compulsory for:** M3

**Elective for:** F4, MD4, N4

**Language of instruction:** The course will be given in Swedish

### Aim

The aim of the course is for students to understand how various forms of work organizations are designed and how work is divided and coordinated, with consideration of human needs and conditions. Central to the course are the work tasks, the work organization, and their mutual adaptation, acknowledging conditions for productivity and worker satisfaction. The subject encompasses combinations of social and technical aspects to improve existing as well as future production systems. The course highlights conditions for changes in work organizations and demands that this puts on a sustainable and innovative health-promoting management, wherein all individuals' conditions are considered. The course mainly relates to two of the UN:s Sustainable Development Goals: 8 - Decent Work and Economic Growth, and 9- Industry, Innovation and Infrastructure.

### 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 organizational systems and the relation to work satisfaction and productivity.

#### *Competences and skills*

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.
- Design a set-up for designing new organizational systems.
- Verbally and in writing present a specific subject within the field of work organization.

#### *Judgement and approach*

For a passing grade the student must

- Display insight into how technological and social aspects interplay in the performance of changes in work organizations.
- Display understanding of the impact leadership has in creating health-promoting and inclusive work places.

## Contents

Central concepts: Work-organizational theories from production and behavioral perspectives. History and trends of work organization. Management, human resources and knowledge management. Quality management. Group theory. Human variation. Change strategies and organizational development processes. Current applied and research projects.

## 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 obligatory 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:** Examination .

**Credits:** 5. **Grading scale:** TH. **Assessment:** Approved test and take-home examination. **Contents:** Test and take-home examination.

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

**Credits:** 2,5. **Grading scale:** UG. **Assessment:** Approved oral and written presentation of project work performed in groups. **Contents:** Oral and written presentation of project work performed in groups.

## Admission

**The number of participants is limited to: 120**

**Selection:** Admission guaranteed for students for whom the course is mandatory. Selection rules for the remaining places: 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:** MAMN30, MAMF15

## Reading list

- Bohgard et al.: Arbete och teknik på människans villkor. Prenter, 2017.  
Available as E-book in English and as a MOOC: [www.onhumanterms.org](http://www.onhumanterms.org).
- Additional material, research papers and lecture slides available online.

## Contact and other information

**Examinator:** Åsa Ek, [asa.ek@design.lth.se](mailto:asa.ek@design.lth.se)

**Course coordinator:** Christofer Rydenfält, [christofer.rydenfalt@design.lth.se](mailto:christofer.rydenfalt@design.lth.se)

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

**Further information:** The course is similar to MAMN30 Management, Work Organisation and Project Management.