



ML1610 Work Organization, Business Management and Leadership 7.5 credits

Arbetsorganisation, verksamhetsstyrning och ledarskap

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

Course syllabus for ML1610 valid from Spring 2025

Grading scale

A, B, C, D, E, FX, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Specific entry requirements: Passed module SEM1 and SEM2 in ML1618

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

After passing the course, the student should be able to:

- describe industrial systems and working organisation's emergence and principles
- describe and apply work organizational principles and methods for interplay between different functions
- explain and separate managerial concepts, such as: TQM, lean production and outsourcing
- explain principles and models for introduction of change of working organisations
- explain different types of working parties "roles in team", group's development process
- define, describe and illustrate different types of leadership styles and models
- explain his own and others' behaviour in group dynamic processes, as leader and that led
- apply work organization tools

Course contents

Course increase student's knowledge of the industrial company's working organisation and interplay between its different functions such as production, maintenance, development, market, purchases etc, with a special focus on leadership.

Examination

- SEMA - Seminar exercises, 1.5 credits, grading scale: P, F
- TENA - Written examination, 4.5 credits, grading scale: A, B, C, D, E, FX, F
- ÖVNA - Exercises, 1.5 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

Examiner determines, in consultation with KTH's coordinator for disabilities (Work), about possible adapted examination for students with documented, permanent disabilities. The examiner may admit other examination format for re-examination of individual students.

Other requirements for final grade

Attendance at specified compulsory course dates (or completed compensation assignment to these) are requirements for final grading.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.