ME1010 Organization and Knowledge-Intensive Work 6.0 credits

Organisation och kunskapsintensivt arbete

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

The official course syllabus is valid from the autumn semester 2023 in accordance with the decision from the Dean of the school:M-2023-0827 Decision date: 12/04/2023

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

General entry requirements.

Language of instruction

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

Intended learning outcomes

The overall goal of the course is for the students to understand and acquire perspectives on knowledge-intensive work and to be prepared for future positions in knowledge-intensive industries. The course will also provide a theoretical basis for advanced courses in industrial management and leadership.

After completing the course, students shall be able to:

1. Explain what characterizes knowledge-intensive work and demonstrate knowledge of different ways of organizing this type of businesses and relate to circumstances that makes these organizations useful.
2. Map management challenges related to knowledge-intensive work from both an employee and management perspective.
3. Explain the most important research-based theories and areas of knowledge for management and organization of knowledge-intensive work.
4. Describe and critically discuss how knowledge-intensive activities can and should take social sustainability into account.
5. Analyze management challenges related to knowledge-intensive work from both an employee and management perspective.

Course contents

Lectures on organization, industrial management, project management, sustainable work, group dynamics, teams, motivation theories, self-leadership, creativity a.s.o.

The course is based on a combination of lectures on theoretical models, guest lectures from knowledge-intensive companies and assignments individually and in groups.

Examination

- INL3 - Assignment, 1.0 credits, grading scale: P, F
- KON1 - Partial exam, 1.0 credits, grading scale: A, B, C, D, E, FX, F
- KON2 - Partial exam, 1.0 credits, grading scale: A, B, C, D, E, FX, F
- PRO3 - Project, 2.0 credits, grading scale: P, F
- PRO4 - Project, 1.0 credits, grading scale: A, B, C, D, E, FX, 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.

Other requirements for final grade

Compulsory attendance on certain course components.

Transitional regulations

Students who have not completed previous examination part TEN2 (written examination, 3.0 credits, grade scale: A, B, C, D, E, FX, F) will be offered one examination opportunity per academic year for a period of 3 years.

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.