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

Course syllabus for ME1010 valid from Autumn 2017

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 general aim of the course is that the student should understand and acquire perspective on knowledge intensive work as well as be prepared before future positions in knowledge intensive sectors. The course should also give a theoretical basis for advanced courses in organisation and leadership.

On completion of the course, the technology student should be able to:

- Explain and illustrate knowledge intensive work.
- Describe different organizational principles and their importance for knowledge intensive work.
- Be able to account for specific leadership challenges in knowledge intensive work and associated relevant knowledge fields and theories.
- Analyse leadership challenges in knowledge intensive activities from an owner, user, management and co-worker perspective.
- Account for the importance of the leadership in knowledge intensive work.
- Illustrate and explain competence requirements in knowledge intensive work.
- Describe how consideration could and should be given to sustainable development in knowledge intensive activities.
- Present and argue for one's own concrete action proposals on leadership challenges.
- Carry out a minor project with interview techniques and give an oral and written presentation.

Course contents

Lectures around organisation, operation strategies, project management, sustainable work, group dynamics, team, motivation theories, self-leadership, creativity etc

The course is based on a combination of lectures on theories and models, guest lectures from knowledge intensive companies, group assignment and a minor interview project with a "knowledge" employee. The project presentation include both oral presentation and written reporting.

Course literature

Will be announced at the beginning of the course.

Examination

- PRO1 - Project, 1.0 credits, grading scale: P, F
- TEN1 - Examination, 4.0 credits, grading scale: A, B, C, D, E, FX, F
- ÖVN1 - Exercises, 1.0 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.

Other requirements for final grade

Pass grade on written examination, as well as on all exercises and on the project work.

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.