



# 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 2007

## Grading scale

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

## Education cycle

First cycle

## Main field of study

Technology

## Specific prerequisites

For CDATE åk2

# Language of instruction

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

# Intended learning outcomes

The courses overarching goal is to prepare the student to future positions in technology development in knowledge intensive businesses as well as to provide a theoretical base for additional courses in industrial economy, organization, and leadership.

After the course the student will be able to:

To pass the course

- Explain and exemplify the features of knowledge intensive organizations
- Distinguish, illustrate, and differentiate between aspects of work: in service, in development, and in process industry.
- Explain the historical development of organizational theory and distinguish and compare different organizational principles.
- Describe forms of technology development: team, project, and group.
- Describe theory and models for group development and the roles and conflicts that emerge in human relations.
- Discern and differentiate between the perspectives of the work environment: the physical, the organizational, and the social.

For higher mark

- Relate the work environment to individuals' well-being.
- Differentiate between different types of leadership and relate leadership to motivation and well-being.
- Abstract and to critically assess thinking regarding knowledge intensive organizations, technology development, and the design and implementation of complex technological systems.

# Course contents

The course will consist of lectures by professors, guest speakers from academia and industry. The course also consist of four compulsory exercises in groups that are led by group assistants and one home exercise that involves interviewing a manager in a knowledge intensive business. Class attendance and participation is expected.

# Course literature

Brooks, Ian. (2006): **Organizational Behaviour. Individuals, Groups and Organization**. Third Edition. Harlow. FT Prentice Hall.

There might be some additional hand-outs.

## Examination

- LAB1 - Laboratory Work, 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

Written exam (TENA; 4hp) and passed project (LABA; 1hp) and exercise (ÖVNA; 1hp).

## 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.