



KH1353 Organisational Development and Leadership for Engineers 7.5 credits

Ledarskap, grupp- och organisationsutveckling för ingenjörer

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

Establishment

Course syllabus for KH1353 valid from Spring 2019

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Completed upper secondary education including documented proficiency in Swedish corresponding to Swedish B and English corresponding to English A.

Completion of upper-secondary school from 1 July 2011 and adult education at upper-secondary level from 1 July 2012 (Gy2011)

General entry requirements and specific entry requirements: Physics 2, Chemistry 1 and Mathematics 3c. A pass in each of the subjects is the lowest acceptable grade.

Completion of upper-secondary school before 1 July 2011 and adult education at upper-secondary level before 1 July 2012

General entry requirements and specific entry requirements: Mathematics D, Physics B and Chemistry A. The grade Passed or 3 in each of the subjects is required.

Language of instruction

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

Intended learning outcomes

To prepare the student to lead work with changes and improvements in companies and organisations.

When you have passed the course you will be able to:

- identify differences in how organisational cultures affects the efficiency in innovative compared to stagnated organisations
- plan strategic changes
- use systems and system theories in relation to practical organisational development
- have increased self insight and understanding for how other people function
- use methods and tools for effective communication, decision-making and collaboration
- illustrate how situational leadership can be used to lead and develop individuals and groups
- be well prepared to look for an employment as engineer

Course contents

- Effectiveness in innovative compared to stagnating organisations
- Work with changes, visions, aims, strategic planning
- Systems and system theories – organisational development
- Situational leadership, different leader styles
- To work in teams – methods for and insight in how groups develop
- Increased self insight and understanding for how other people work
- Methods for effective communication, decision making and cooperation
- Produce your own CV and a presentation letter and to take part in an fictious interview for a job

Course literature

Course folder

Examination

- INL1 - Examination, 6.0 credits, grading scale: P, F
- INL2 - Assignment, 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.

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

Other requirements for final grade

Written and oral presentation of the group (INL1; 6 credits),
CV and participating in interview (INL2; 1,5 credits)

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.