



# ME196U Leading Future Talents

## 3.0 credits

Leda framtida talanger

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 ME196U valid from Spring 2014

### Grading scale

P, F

### Education cycle

First cycle

### Main field of study

Technology

### Specific prerequisites

Admitted by IVA as supervisor in "Tekniksprånget"

### Language of instruction

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

# Intended learning outcomes

On completion of the course, the participants should:

- have good theoretical as well as practical knowledge of how to supervise an engineering trainee
- be able to apply presented leadership methods and tools
- have knowledge of organizational prerequisites for knowledge transfer and creativity
- having developed his own personal leadership

## Course contents

The contents, change and new requirements of engineering work; Organizational pre-conditions for knowledge transfer and creativity; The supervision process, Psychological contractual theory, Generation stereotypes, Basic coaching techniques (T-GROW), Career development and Kolb' s learning cycle

## Disposition

The course is based on an experimental teaching and learning theory where practical exercises is interleaved with applications in the students' own activities. Theoretically subjects are presented during lectures. These subjects are then implemented in exercises which give basis for "homework exercises" where the knowledge should be applied in the students' own activities.

The number of students is restricted to at most 25 to offer a good learning environment for reflection, discussion, experience sharing and networking. The aim is that the participants should learn to know each other so that permanent and professionally valuable relations are established.

The meetings will be led by teacher from KTH and Chalmers with specific subject competence around the content/theme of the education.. Between the course meetings, the participants should have of contact in pairs (meeting in person, via Skype, telephone, etc) on at least two occasions, in order to coach each other in concrete challenges around the trainee supervision.

## Course literature

Utdelat material i form av artiklar och OH-bilder / Articles handed out during the course

## Examination

- TEN1 - Home Exam, 3.0 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.

Examination parts are:

- Attendance and active participation
- Passed written assignments (3 pcs)
- Passed take-home examination

## **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.