



ML1506 Adaption course for Industrial Technology 3.0 credits

Övergångsmodul till industriell teknik

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

Establishment

Course syllabus for ML1506 valid from Autumn 2017

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

This module is given to students from OPEN, as a complement to SF1502.

Language of instruction

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

Intended learning outcomes

After passing the course, the students should be able to:

- Describe the field of industrial technology and its central application fields such as production, logistics and maintenance in manufacturing industry.
- Describe the value chain of a business or an enterprise.
- Describe an example of a professional role and main work tasks for engineers in the application fields, as well as competence needed for this function.
- Carry out an interview and present it orally before a group.

Course contents

- Introduction to production, logistic and maintenance technology connected to a production system
- Introduction to systems theory, sustainable work, sustainable development
- Interviewing an engineer at a company, together with students from the course ML1500
- Oral presentation of the interview, together with ML1500
- Individual studies for the homework assignments in ML1500

Course literature

Kurslitteratur meddelas 6 veckor före kursstart.

Övrigt material, som till exempel företagsbeskrivningar, tillhandahålls under kursens gång.

Examination

- INL1 - Assignments, 1.5 credits, grading scale: P, F
- ÖVN1 - Exercise, 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

Pass grades in all components of the course.

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.