ML1042 Programme Integrating Course in Mechanical Engineering, Intermediate Course 2.0 credits

Programsammanhållande kurs i maskinteknik, fk

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

Establishment

Course syllabus for ML1042 valid from Autumn 2016

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Language of instruction

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

Intended learning outcomes

After the course, the participants will be able to:

- Argue the viewpoints around the role of technology in Society. This includes the engineer´s responsibility for application and development.
- Argue the viewpoints around ethical, social, and environmental consequences of the engineer´s duties as well as application of technology in Society.
- Formulate a strategy for personal continual development and perpetual learning.
- Possess an awereness of the learning process and have chosen methods of study (for the training). Formulate personal goals and plans for the training based on course objective, syllabus, and grading criteria. In addition, plan and execute work according to fixed time frames.
- Compose a text of reflection using high level language syntax around a given non-technical perspective.

Course contents

- Self-implied responsibility and consequence analysis
- The role of technology in Society.
- Learning and studying strategies
- Self reflection, communication, and writing.
- Conflict management.

Disposition

Exercises
Seminars

Course literature

Meddelas senast en månad innan kursstart.

Examination

- SEM1 - Seminars, 1.0 credits, grading scale: P, F
- ÖVN1 - Exercise, 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.

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

Other requirements for final grade

Approved exercises
Approved seminar

Criteria for final grade are announced at the start 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.