



MG101X Degree Project in Mechanical Engineering, First Cycle 15.0 credits

Examensarbete inom maskinteknik, grundnivå

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

Establishment

Course syllabus for MG101X valid from Autumn 2007

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Students who have studied P1-2 and M1-2 are eligible. Course: Design and product realization A, B, C or Product realization for M1 and 2

Language of instruction

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

Intended learning outcomes

After the degree project candidates will,· be able to formulate problems and apply methodologies in the field of production engineering, industrial economics and organization · be able to apply knowledge and skill gained during their previous education on the problem from chosen area of specialization · to be able to plan their own work to achieve desired goal· to be able analyze need of scientific information, perform information search to receive valuable information · be able to present their work as technical report in a craft full way with specific requirements on contents, structure and language · to be able to refer sources, figures, tables and formulas in a accepted manner in the report· to be able to write a summary of the report in English with correct use of subjects terminologies· to be able to perform oral presentation with the requirements on timing, language, illustration and contents· to be able to review and present point of views and answer corresponding viewpoints on a technical work

Course contents

Project work, seminar, literature survey, report writing, oral presentation, and serve as opponent to other's work.

Course literature

Will be announced at the start of the course

Examination

- XUPP - Examination Question, 15.0 credits, grading scale: A, B, C, D, E, FX, 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

Project (PRO1; 15 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.