



MG1400 Applied Production Engineering 6.0 credits

Tillämpad industriell produktion

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 MG1400 valid from Autumn 2011

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Language of instruction

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

Intended learning outcomes

After specialization the participants will:

- apply knowledge and skills in problem solving
- be able to plan their own work to achieve desired goal
- be able to present their work in as a written report with proper content, structure and language

Course contents

Project work should be carried out in the field of production engineering by applying individual's previous knowledge. Every individual must submit a comprehensive written report on the project.

Disposition

Projects are planned accordance with the participant, the company and the examiner. Project is supervised by a supervisor in the company and by the course teacher. The project is carried out in the company Every participant should arrange a suitable company themselves.

Specific prerequisites

Eligibility for second year undergraduate studies and

MJ1103 Introduction to Mechanical Engineering or
MF1046 Design and Product Realization, Introduction
or equivalent

Course literature

Depending of the individual needs

Equipment

None

Examination

- INL1 - Assignment, 6.0 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.

Project (PRO1, 6 credits), grading: P/F

Other requirements for final grade

To pass the work required approved project plan, approved final report and seminar discussion of the report.

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.