



MH2275 Project 6.0 credits

Projekt

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

Establishment

Course syllabus for MH2275 valid from Spring 2009

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Materials Science, Materials Science and Engineering

Specific prerequisites

Registered student at the master program TTMVM or similar

Language of instruction

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

Intended learning outcomes

The aim of this course is to give students practice in

- making a process and production analysis of a production chain from design to finished product
- independently formulating and solving problems within the different subject areas in project work form
- presentation technique and writing reports

Course contents

A number of problems concerning material processes and production methods are presented. The various problems cover a chain in which both manufacture and design are discussed.

Each student chooses a problem to be solved. Those with the same choice of problem form a working group. For each problem a supervisor is appointed. The working group in consultation with the supervisor makes up a project plan. The plan delineates the problem and puts limits on the size of the work. An analysis of the problem is implemented through literature studies, industrial visits, discussions with the supervisor and by own experiments. The project concludes with a written and oral presentation before the supervisor and examiner, and the result of the project work is presented at a seminar with an opponent.

Course literature

Individual literature depending on the project. Handbook in project management (Swedish)

Examination

- SEMA - Seminar, 3.0 credits, grading scale: P, F
- ÖVN1 - Report, 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.

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

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.