



## Course syllabus

Faculty Board of Science and Engineering  
School of Engineering

2MT00E Maskinteknik, examensarbete (kandidat) -  
produktutveckling, 15 högskolepoäng

Mechanical Engineering, Degree Project (Bachelor) - Product  
development, 15 credits

### **Main field of study**

Mechanical Engineering

### **Subject Group**

Mechanical Engineering

### **Level of classification**

First Level

### **Progression**

G2E

### **Date of Ratification**

Approved by the Board of the School of Engineering 2010-08-10

The course syllabus is valid from spring semester 2011

### **Prerequisites**

At least 90 hec in the subject Mechanical Engineering, or the equivalent.

### **Expected learning outcomes**

After completing the course the students are expected to be  
able to demonstrate their capacity to

- independently carry out a project individually or in group of two student
- apply parts of the knowledge acquired during the study period and to search for knowledge relevant for the project
- define a problem, carry out an investigation, analyze and present the results.

### **Content**

The course comprises the following elements:

- the project background
- the project aim
- procedure: literature search, measurement methods, datagathering
- implementation
- result analysis
- conclusion
- project presentation in writing or speech
- acting as opponent at the presentation of a degree project

## Type of Instruction

The teaching consists of independent work under supervision of a supervisor and examiner.

## Examination

The course is assessed with the grades Fail (U) or Pass (G).

The assessment of student performances is based on the written and oral presentation of the students' own degree project and on acting as the opponent on another degree project.

## Course Evaluation

When the course has finished, an evaluation is compiled. The results are reported to the students and then archived according to the rules of the school.

## Required Reading and Additional Study Material

### **Required reading**

The literature is depending on the projects specialisation.