



MF121X Degree Project in Integrated Product Development, First Cycle 15.0 credits

Examensarbete inom integrerad produktutveckling, grundnivå

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

Establishment

Course syllabus for MF121X valid from Spring 2014

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

From P program - qualified for studies in grade 3, SF1618, SF1619, SE1010, MF1039

From Machine program - qualified for studies in grade 3, SF1224, SF1626, SE1010, MG1025, MF1045

From Vehicle program - qualified for studies in grade 3, SF1624, SF1603, SE1010, MF1015

Language of instruction

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

Intended learning outcomes

A student that has completed the Project Course in Integrated Product Development shall be able to:

- Formulate technical problems and in a structured way search for solutions with the aid from model-based methods in general and modern computer tools in particular;
- Integrate and apply knowledge and abilities obtained in preceding courses, on problems in integrated product development;
- Apply independent studies to consolidate and widen the knowledge in integrated product development in general and information management in particular;
- Present the work in a professionally written report as well as in an oral presentation;

Course contents

Exercises and laboratory work performed in groups of 2-3 students. Individually project work. Literature studie. A professionally written report as well as an oral presentation, written and oral opposition to the work performed by another student.

Disposition

Period 3, 4
Seminars 20 h

Course literature

Journal Papers and Reports, Handbooks, Manuals.

Examination

- PRO1 - Project, 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

Passed course (PRO1;15hp)

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.