



ML2101 Project Management

6.0 credits

Projektlledning

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

Establishment

Course syllabus for ML2101 valid from Autumn 2010

Grading scale

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

Education cycle

Second cycle

Main field of study

Technology and Management

Specific prerequisites

Graduated Machine Engineer. Basic knowledge in project methodology and product production

Language of instruction

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

Intended learning outcomes

After attending the course the student shall

- know the different phases in a product production project
- be able to assist when producing order documents. Documents needed to start a product production project
- be able to assist in planning a project taking into consideration the goal, time costs, activity range, quality assurance, security and risks, crew, and rules and regulations.
- know what it means to lead/take part in a product production project.
- the project leader's role and responsibility
- the project group member's role and responsibility
- the project group's internal and external life
- the project's relationship to the linear organization
- the projects relationship to sponsors and stakeholders
- evaluation and closure

Course contents

The course mirrors the different phases in a product production project from the above mentioned perspectives. The special assumed tools needed are presented and used in the assignments the student produces during the course.

Five main areas

1. Product production models and tools
2. The planning process
3. Ordering documents and -process
4. Communication and cooperation between all parties concerned
5. Purchase and procurement

Disposition

The course is given in the form of lectures, tasks and a mandatory project.

Course literature

To be announced later

Examination

- PRO1 - Project, 3.0 credits, grading scale: A, B, C, D, E, FX, F
- ÖVN1 - Assignments, 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.

Assignment 1 - tasks 3 hp P/F

Project 1 - project task 3 hp (project and presentation) A, B, C, D, E, Fx, F

Other requirements for final grade

Reported tasks (Assignment 1) with result Pass, project (Project 1) with result A-E.

Final grade is based on the total results. The project carries the greatest weight.

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.