ML1616 Industrial Project Management 7.5 credits

Industriell projektledning och projektstyrning

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

Establishment

The official course syllabus is valid from the autumn semester 2026 as decided by the Faculty Board: dnr HS-2026-1311. Decision date: 2026-06-15

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Intended learning outcomes

After passing the course, the students should be able to:

1. Identify the different roles and responsibilities necessary for effective project management

2. Explain methods, techniques, tools and processes that are useful in the field of project management for effective leadership and management of projects in industry

3. Create a project model / project process and be able to apply it to a real and time-limited project in industrial technology and production maintenance

4. Identify their own role and influence as project managers and determine their own need for development in the field of project management

5. Describe orally and in writing aspects of project management

For higher grades, the student must also be able to:

6. Show competence for the points above on a deeper level, and

7. Act in several of the different roles and areas of responsibility that are necessary for effective project management

8. Implement methods, techniques, tools and processes that are useful in the field of project management for effective leadership and management of projects in industry

9. Evaluate an industrially linked project model / project process

Course contents

The course deals with:

- Roles and responsibilities within project management
- Methods, technologies, tools, processes and models that are useful in the area of project management
- Theoretical and practical project management

Examination

- INL1 - Assignments, 3.5 credits, grading scale: A, B, C, D, E, FX, F
- KON1 - Partial exam, 1.0 credits, grading scale: P, F
- KON2 - Partial exam, 1.0 credits, grading scale: P, F
- KON3 - Partial exam, 1.0 credits, grading scale: P, F
- KON4 - Partial exam, 1.0 credits, grading scale: P, F
- TENA - Take-home exam, 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.

The examiner decides, in consultation with KTH's coordinator for disabilities (Funka), about possible adapted examination for students with documented, permanent disabilities. The examiner may permit other examination format for re-examination of individual students.

TENA is an optional examination part to achieve a higher grade than E in the course.

Other requirements for final grade

Attendance at specified compulsory course dates (or completed compensation assignment to these) are requirements for final grading.

Transitional regulations

Finns ingen

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.