



MF2087 Innovation Management - Theory and Practice 7.5 credits

Innovationsledning - teori och praktik

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

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

Establishment

Course syllabus for MF2087 valid from Autumn 2021

Grading scale

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

Education cycle

Second cycle

Main field of study

Mechanical Engineering

Specific prerequisites

Bachelor of Science degree in Mechanical Engineering or the equivalent.

Furthermore the courses MF2046 Product Innovation, MF2084 Managing Research and Development, MF2085 Innovation- and Product Development Processes courses with corresponding content.

Language of instruction

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

Intended learning outcomes

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

- critically analyse and evaluate literature in the area
- independently choose literature
- orientate oneself about some themes in the field of literature
- evaluate the research design with regard to chosen research method and theoretical base
- write essays of scientific character
- adapt scientific literature to a practice oriented audience and describe in an appropriate way
- use scientific literature to analyse problems in practice
- bring dialogue about scientific literature in groups

Course contents

One activity in the course is students' own studies of scientific articles that aim for the students to become familiar with the theory in innovation management and be able to relate critically to academic texts.

Students will also analyze internships, individually and in groups, to further deepen the knowledge from read articles and to be able to apply results from research in a practical context.

Furthermore, students must formulate and motivate in writing their own insights and analysis results that aim to use the theory in relation to practice, and where students should translate theory into their own texts aimed at a specified target group.

Examination

- LIT3 - Literature analysis, 4.5 credits, grading scale: A, B, C, D, E, FX, F
- PRO2 - Project, 1.0 credits, grading scale: P, F
- SEM1 - Project, 2.0 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.

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.