



MF2087 Innovation Management - Theory and Practice 7.5 credits

Innovationsledning - teori och praktik

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

Establishment

Course syllabus for MF2087 valid from Autumn 2019

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 or 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

The course consists of three parts:

- first part that aims at the students becoming versed in the theory of innovation management and in reading academic texts,
- second part that aims at using the theory in relation to practice and at implementing the theory to ones own texts that are adapted to a certain target group
- third part where the research methodology is deepened, as method sections in articles should be specifically studied and conclusions should be drawn about research design.

An individual study is used in the project.

Course literature

A selection of scientific articles that are listed at the beginning of the course.

Examination

- SEM1 - Project, 2.0 credits, grading scale: P, F
- LIT2 - Literature study, 1.5 credits, grading scale: P, F
- PRO1 - Project, 3.0 credits, grading scale: A, B, C, D, E, FX, F
- LIT1 - Literature study, 1.0 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.

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.