## Course Syllabus
## MF2088 Innovation and Product Development, 22.5 cr (from Syllabus in Canvas)

## Course main content

In the course, a real innovation and product development project is carried out in collaboration with an employer, or a student initiated development project. The work is carried out in groups, and in the course the work is supported through seminars on for example design thinking, Business Model Canvas and industrialisation. In the course, there are also seminars where the organisation and management of the projects are discussed and critically reviewed, as well as seminars about progress in innovation and product development.

**Learning outcomes:**

**Innovation Process**

LO1: Develop, apply, evaluate and adjust processes and ways of working to manage complex (vague, ambiguous) innovation projects. (A-F)

LO2: Apply methods for managing social factors in project teams. (pass/fail critera)

**Lessons Learned**

LO3: Analyze and evaluate your own practical execution of innovation work and relate it to research. (A-F criteria)

**Innovation Results**

LO4: Develop, motivate, evaluate and communicate business models and business plans. (A-F)

LO5: Develop, motivate, evaluate and communicate innovation solutions as concepts and prototypes. (A-F)

LO6: Analyze and evaluate innovation solutions from economic, environmental and social sustainability. (A-F)

# Examination and completion

Grading scale *

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

Examination *

- PRO2 - Project, 9.0 credits, Grading scale: A, B, C, D, E, FX, F : Innovation Process
- PRO3 - Project, 9.0 credits, Grading scale: A, B, C, D, E, FX, F : Innovation Results
- PRO4 - Project, 4.5 credits, Grading scale: A, B, C, D, E, FX, F : Lessons Learned

See documents in Module **"Course information"** for the grading criteria of Innovation Process, Innovation Results and  Lessons Learned 1 and 2.

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.

Grading criteria are handed out at the beginning of the course.

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.

## Requirements for final grade *

To be approved on the course, 80% participation in seminars and active participation in the project is required. It is also required that tasks that are expected within the various parts of the examination are carried out.