



ME2052 The Philosophy of Innovation 6.0 credits

The Philosophy of Innovation

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 ME2052 valid from Autumn 2007

Grading scale

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

Education cycle

Second cycle

Main field of study

Industrial Management

Specific prerequisites

At least 12 hp advanced courses within the field Industrial management.

Language of instruction

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

Intended learning outcomes

After the course, the participants should be able to:

- complete a technical innovation analysis of e.g. a product development project
- be able to chart the innovation context of a technical product, including
- end-user and project-owner analyses
- make an economic analysis of the socio-economic framework in which a technical innovation exists
- show that she understands the ontological presuppositions of innovation
- devise an original methodology for the continuing study of innovative practice

Course contents

Lectures, seminars and workshop dealing with the concepts of technical creativity, innovation and innovation management in a technology-intensive economy, with a particular emphasis on linking this to current state-of-the-art theory in the intersection between technology and social theory. The lectures will focus on giving an advanced, high-level understanding of the field whilst retaining a pragmatic perspective. Subjects handled will include conceptual analysis of the field, critical engagements with the theory surrounding the phenomena, the ontological and epistemological issues underlying a study of innovation as well as the lived practice of innovation. Participants will then develop these strands in seminars, workshops and an individual essay.

Course literature

Literature as assigned by examiner

Examination

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.

Other requirements for final grade

Essays, (LIT1; 3hp), examination (TEN1, 3hp).

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.