



ME2000 Research Methodology

3.0 credits

Forskningsmetod

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

Establishment

Course syllabus for ME2000 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

MG1005 or 4G1166 Project Course in Production Engineering and Management, or MG101X or MG103X

210 ECTS, including 30 in 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 student shall:

1. be able to formulate a scientific question, for example the research question which will be studied in the thesis work
2. be able to choose a suitable method to investigate the research question
3. describe different qualitative and quantitative methods
4. account for different ontological and epistemological views
5. identify gender and ethical aspects in scientific work
6. use references in scientific writing and present a correct reference list
7. plan the method section of a thesis

Course contents

In the course, lectures and seminars with discussion- and writing exercises are mixed. To support the ongoing learning process, small writing assignments are given where the student has the possibility of testing her/his knowledge before the exam. The exam is done through a written home exam and here, the student should be able to take a scientific standpoint, regarding ontology, epistemology in relation to the method chosen for the thesis.

Course literature

Will be presented at the start of the course

Examination

- LIT1 - Assignments, 3.0 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.

Other requirements for final grade

(LIT1, 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.