



Course syllabus

Faculty of Technology

Department of Physics and Electrical Engineering

4TE007 Fallstudien och exemplets makt, 7,5 högskolepoäng

Case studies and the power of example, 7.5 credits

Main field of study

Skill and Technology

Subject Group

Other Interdisciplinary Studies

Level of classification

Second Level

Progression

A1F

Date of Ratification

Approved by Faculty of Science and Engineering 2013-10-28

The course syllabus is valid from spring semester 2014

Prerequisites

4TE004 Skill and Epistemology, 7,5 hp, 4TE005 Skill, Art, Literature and Formation, 7,5 hp and 4TE006 The cultural heritage of mathematics or corresponding knowledge in consultation with the teacher responsible for the course and examiner.

Objectives

After completing this course the student should be able to:

- show an understanding of how classical texts from philosophy and literature can be used as an explorative tool in the case studies on skills
- critically discuss how detailed management models and other attempts to formalize work (the new taylorism) reduce professional's range of responsible action and possibilities of reflection and learning
- show an understanding of example's fundamental role in practical, ethical scientific and epistemological reasoning
- show an insight into how examples from the artistic practice can be used as analogies in order to understand professional skills in other fields.

Content

The course aims at creating an understanding, via examples and epistemological analysis, of how case studies and well-chosen examples can be used to reason from the particular to the general.

The course includes the following elements:

- example as a foundation of understanding in general

- relation between the particular and the general in the case studies on skills
- relation between practical knowledge and ethical questions
- problematical relation between practical and scientific knowledge

Type of Instruction

The teaching is arranged through two two-days physical meetings comprising of lectures and dialogue seminars and a one-day examination. Additional studies are conducted through the reading and through the presentations of written assignments, individually and in the group, on the web-based learning platform. The obligatory assignments are introduced in connection with the course start.

Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

Assessment of student's knowledge is carried on continuously. An essay is required as a basis for examination. In addition, attendance at 75% of the course's physical meetings and delivery of all written assignments is required for the grade Pass.

Course Evaluation

A course evaluation will be carried out and compiled after the course is completed. The compilation will be presented to the current board as well as to the students and filed by the coordinating department.

Required Reading and Additional Study Material

Required reading

Bergendal, Gunnar. (2003). *Ansvarig handling*. Dialoger 67-68

Berglund, Johan. (2013). *Den nya taylorismen*. Stockholm: Dialoger

Friberg, Nils. (2012). *Det ovägbaras tyngd*. Stockholm: Dialoger

Göranzon, Bo (red.). (2007). *Autodidakten*. Dialoger 83-84

Pehrsson, Clas. (2012). *Musikhögskolelärarens yrkeskunnande: Anteckningar av en autodidakt*. Stockholm: Dialoger

Nordenstam, Tore. (2013). *Etik och praktisk kunskap*. Stockholm: Dialoger

Additional material provided by the course leaders are also included.