



AH2176 Project Work in Traffic and Logistics 15.0 credits

Projektarbete inom Trafik och logistik

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 AH2176 valid from Spring 2011

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Specific prerequisites

3 years academic studies (180 hp) in engineering program within natural or social sciences. Required courses and background depend on the problem. The examiner approves the qualifications of the student for the proposed work.

Language of instruction

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

Intended learning outcomes

The course gives basic training in formulating, analyzing, and solving a problem related to the operations of transportation systems (all modes), often providing the opportunity to the student to interact with operators of transport services and address problems of interest. Students are also trained in technical writing and presentation. The work may lead to a thesis project as well. The course is carried out as an individual independent project. If more than one student are interested in the topic a team project is also possible.

Course contents

The main activities in the course are:

- Problem discussion-Development of project plan with detailed tasks
- Technical approach and steps that may include some or all of the following elements (depending on the topic and scope of the project)
- Precise problem formulation
- Literature review-Methodology and technical approach
- Collection of necessary data and information from companies and organizations
- Formulation of alternatives
- Proposed solution
- Technical report documenting the project-Presentation

Examination

- PRO1 - Project Assignment, 15.0 credits, grading scale: P, 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.

- PRO1 - Project work, 15,0 cr, Grades: P/F
- Approved project plan, presentation at a seminar, and final report of sufficient quality (15 cr).

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.