HM204V Transportation System 7.5 credits

Godstransportsystem

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

Establishment

Course syllabus for HM204V valid from Autumn 2010

Grading scale

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

Education cycle

Second cycle

Main field of study

The Built Environment

Specific prerequisites

University studies of at least 120 credits (Swedish hp) and documented proficiency in Swedish B and English A or equivalent. In addition knowledge in Basic logistics.

Language of instruction

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

Intended learning outcomes

This course will give the participants basic knowledge about transport of goods based on three perspectives:

- Demand for transport of goods. What forces a continuously greater demand for these services?
- Offer and production of goods. What does the market look like that offers these services?
- The role of the state when it comes to the connection between transport of goods and the infrastructure.

Course contents

This course gives theoretical knowledge about the role and the importance that transport of goods has for the logistic system in a producing company. That means a description of the requirements of the transports that the company has, such as range, structure, managed and technical solutions. The participants will also be given knowledge of how transport services are produced as well as how the market for these services looks like. The importance of the information technology in transport of goods will also be described. The transport policy of the state and its consequences for transport of goods is presented when it comes to economic and environmental issues.

Course literature

Lumsden K; Logistikens grunder

Equipment

computer and internet access.

Examination

- PRO1 - Project, 3.0 credits, grading scale: P, F
- TEN1 - Examination, 4.5 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

Passed written exam and passed project.

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.