



HM2002 Logistics, Intermediate Course 7.5 credits

Logistik, fortsättningskurs

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

Establishment

Course syllabus for HM2002 valid from Autumn 2010

Grading scale

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

Education cycle

Second cycle

Main field of study

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 corresponding to the course 6S3701/HM1M00 The Logistic Process or similar.

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 further knowledge in how different decisions about manage and structure influence the profitability and competitiveness of a company.

- apply basic logistic principles, models and tools to be able to analyse different types of logistic systems
- explain how logistics interacts with other areas in a company and with other companies and how logistic strategies cooperate with the strategies of the company
- account for the meaning of the concept of supply chain management
- account for different alternative logistic principles which support the logistic development
- account for and explain the dynamic effects which arise in a supply chain and how these can be resisted

Course contents

In this course manage and design of logistic structures will be described. This is a large area and the course will focus on the most usual manage and design issues. Even if the development strives against that larger and larger parts of a value added chain is managed and designed in common most decisions are still made by only one company. The course describes for example different supply strategies and logistic concepts such as vendor managed inventory (changed roles in a supply chain) and direct deliveries (stockless concepts). Even the problem of managing several companies in a chain is presented in a game (Beer Game).

Course literature

Björnlund, D et al: Logistik för konkurrenskraft, Liber 2003
Oskarsson B et al: Modern logistik, Liber

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 Project.
Passed written examination.

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.