



Course syllabus

Faculty of Technology

Department of Mechanical Engineering

1MT033 Supply chain management, 7,5 högskolepoäng

Supply chain management, 7.5 credits

Main field of study

Industrial Organisation and Economics

Subject Group

Industrial Engineering and Management

Level of classification

First Level

Progression

G1F

Date of Ratification

Approved 2015-11-02

Revised 2016-06-01 by Faculty of Technology. Objectives and contents are revised.

The course syllabus is valid from autumn semester 2016

Prerequisites

Strategic Management in manufacturing industries, 7,5 credits or similar

Objectives

The following themes will be briefly covered:

- Introduction of concepts related to Purchasing and Logistics
- Procurement Strategy – drivers and business approach
- General review of the procurement and purchasing process
- The impact of globalization on Purchasing and Logistics
- B2B and marketplanning
- The importance of relationship marketing in the business environment
- Supply Chain Management

Content

The expected outcome of this course is that students understand the linkage between purchase and logistics. A good and clear understanding of these functions is essential for companies' positive development and to interact between the different actors on the market. They are even essential for a well-functioning and profitable supply-chain. By understanding the interface and content/meaning of purchase and logistics, companies can develop strategies together that are more goal-directed.

Type of Instruction

Lectures, case discussions and written tasks.

Examination

The course is assessed with the grades U, 3, 4 or 5.
The course can be examined by written or oral means.

Course Evaluation

During the course or in close connection to the course, a course evaluation is to be carried out. The result and analysis of the course evaluation are to be communicated to the students who have taken the course and to the students who are to participate in the course the next time it is offered. The course evaluation is carried out anonymously. The compiled report will be filed at the Faculty.

Credit Overlap

The course cannot be included in a degree along with the following course/courses of which the content fully, or partly, corresponds to the content of this course: Overlaps totally with 1MT028 Engineering Economics II.

Required Reading and Additional Study Material

Compulsary literature

- Arjan J Van Weele, *Inköp och supply chain management: analys, strategi, planering och praktik*, Studentlitteratur. Latest edition. 672 pages
- Thomas Speh, *Business Marketing Management*, South Western College, Latest edition. 672 pages

Reference literature

- Stig-Arne Mattsson, *Logistik i försörjningskedjor*, Studentlitteratur. Latest edition.
- Anders Kron, Mikael Wallgren, *Inköp i förändring: om organisation, roll och styrning*, Liber. Latest edition.