



## Course syllabus

Faculty Board of Science and Engineering

School of Computer Science, Physics and Mathematics

1IL018 Supply Chain Management, 7 högskolepoäng

1IL018 Supply Chain Management, 7 credits

**Main field of study**

Business Administration

**Subject Group**

Informatics/Computer and Systems Sciences

**Level of classification**

First Level

**Progression**

G1N

**Date of Ratification**

Approved by Organisational Committee 2009-09-08

The course syllabus is valid from spring semester 2010

**Prerequisites**

General entry requirements for university studies.

## Objectives

After the end of the course the student shall be able to:

- understand how changes in the business environment affects the Supply chain of the company
- identify the need for information in a Supply chain
- understand how value is added in a supply chain
- perform cost analysis in a Supply chain
- explain how a company could develop its relations with members in the Supply chain
- execute process descriptions.

## Content

The course is built around the following modules:

- Quality Management
- forecasting techniques
- Just in Time and Lean production

- Supply Chain Management
- supply of information in a Supply chain
- network design in a supply chain
- process management.

## Type of Instruction

The course is a distant course where the students are expected to actively work with problems both individual and in groups. Seminars are compulsory.

## Examination

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

Assessment of the student's performance is made through written examination and/or assignments which are presented orally and/or in written form. The assessment method is decided at the start of the course.

Student who do not pass the regular examination are given the opportunity to do a resit examination shortly after the regular examination.

On request, a Swedish University course certificate will be awarded upon successful completion of the course.

## Course Evaluation

A written course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The course evaluation will be filed at the department.

## Required Reading and Additional Study Material

### Required reading

Björnland, Dag, Persson, Göran & Virum, Helge (eds.) (2003), *Logistik för konkurrenskraft : ett ledaransvar*. 1. ed. Malmö: Liber. 381 p. ISBN 978-91-47-06491-5.

Slack, Nigel, Chambers, Stuart, Johnston, Robert & Betts, Alan (edt.) (2009), *Operations and Process Management*. 2. ed. Harlow: Prentice Hall. 541 p. ISBN 978-0-273-71851-2.