



# ML2113 Supply Chain Management 7.5 credits

Styrning av försörjningskedjor

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

## Establishment

Course syllabus for ML2113 valid from Spring 2015

## Grading scale

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

## Education cycle

Second cycle

## Main field of study

Mechanical Engineering

## Specific prerequisites

## Language of instruction

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

## Intended learning outcomes

The aim of the course is that the student should obtain understanding of and tools for supply chain management in technology-intensive sectors, but also that they should realise how these theories and tools can be applied in service-producing supply chains.

On completion of the course, the student should be able to:

- Define Supply Chain Management (SCM) and give example of supply chains for physical products
- Survey and analyse cooperation between different parts of an organisation as well as between different companies within a supply chain for physical products
- Explain the effect of information sharing as countermeasure to the Bullwhip effect
- Evaluate various types of inventory control in a supply chain, such as for instance Vendor Managed Inventory (VMI)
- Describe operational procurement processes and be able to explain procurement related terms
- Survey and assess different producing companies' supplier networks based on Kraljic's matrix

## Course contents

Supply chains and control of these  
Information sharing  
Inventory management  
Strategic procurement issues

## Disposition

lectures  
seminars  
project work

## Course literature

Meddelas vid kursstart.

## Examination

- PRO1 - Project, 3.0 credits, grading scale: A, B, C, D, E, FX, 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

Approved project, PRO1, 3.0 credits, grading scale: A-F

Approved written examination, TEN1, 4.5 credits, grading scale: A-F

The final grade is weighted according to the weight of the examination parts.

## 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.