



# HS1727 Construction Management 2 7.5 credits

## Byggstyrning 2

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

## Establishment

Course syllabus for HS1727 valid from Autumn 2011

## Grading scale

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

## Education cycle

First cycle

## Main field of study

The Built Environment, Technology

## Specific prerequisites

General entry requirements and specific entry requirements for the programme

## Language of instruction

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

## Intended learning outcomes

Upon completion of the course, students will be able to:

- Carry out a tender estimate and select associated system solutions and building methods for a minor construction project
- Draw a workforce diagram and allocate resources for a minor construction project
- Create a detailed production plan for a construction project including plans for setting up, purchasing, material administration, and management
- Reconcile financial figures and make forecasts for small building projects
- Perform a simple analysis of a small construction project
- Be aware of the importance of leadership in work environment issues

## Course contents

Operational strategy and production scheduling, construction systems, and construction methods

Financial control

Work environment and ergonomics

Leadership in work environment issues

Purchasing and materials management, risk assessment

## Course literature

Nordstrand, Uno: Byggstyrning

Johansson, Thomas: Kompendium i byggstyrning

## Examination

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

- TEN1 – Examination, 3.0 credits. Grading scale: A, B, C, D, E, FX, F
- PRO1 - Project, 4.5 credits. Grading scale: P, F

## 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.