HS1727 Construction Management 2 7.5 credits

Byggstyrning 2

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

If the course is discontinued, students may request to be examined during the following two academic years

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

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.

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.