HS1019 Planning of a Construction Project 7.5 credits

Planering av ett byggprojekt

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 HS1019 valid from Spring 2015

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Students in year 3 of the Bachelor of Science in Engineering programme Constructional Engineering and Design.

HS1015 Construction Management
or equivalent course

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, the student shall be able to:

- produce a detailed production plan for a simple construction project with regards to construction management
- present worksite plans for setting up, purchasing, materials management, management, etc
- draw up a complete tender, complete a tender calculation for a major project

Course contents

- Construction management
- Construction systems and construction methods
- Financial control and quality assurance
- Material management and purchasing
- Supervision at the worksite

Course literature

Nordstrand, Uno: Byggprocessen
Nordstrand, Uno: Byggstyrning
Ritningar och tekniska beskrivningar

Examination

- PROA - Project Assignment, 5.0 credits, grading scale: A, B, C, D, E, FX, F
- TENA - Examination, 2.5 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.

Other requirements for final grade

To receive a final grade for this course, a passing grade on the written examination (TENA, 2.5 credits) as well as grade E or higher on the submitted assignments (PROA 5.0 credits) is required.

Overall course grade is based on grading scale A-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.