



Course syllabus

Faculty Board of Science and Engineering
School of Engineering

1BY006 Byggnadsproduktion 2, 7,5 högskolepoäng
Introduction to Construction Management 2, 7.5 credits

Main field of study

Civil Engineering

Subject Group

Building Technology

Level of classification

First Level

Progression

G1F

Date of Ratification

Approved by Organisational Committee 2009-07-24

The course syllabus is valid from spring semester 2010

Prerequisites

Basic eligibility and knowledge corresponding to Construction Management I. 7,5 hp.

Expected learning outcomes

After completing the course the student is expected to have acquired basic knowledge of construction company production costing, procurement procedure and production control

including operations engineering, production methods and production engineering.

Content

Production engineering:

- work methods and construction machinery

Production costing:

- contract documents
- capacity and production data, the drawing up of bills of quantities and tender assessment

Production planning:

- production methods and production engineering
- production time schedule, machine plan and location drawing

Production control:

- construction start and procurement
- materials administration

Type of Instruction

The teaching consists of lectures, calculation exercises and a compulsory case study.

Examination

The course is assessed with the grades U,3,4 or 5.

The assessment is student performances takes the form of a written examination and a successfully completed case study.

Course Evaluation

When the course has finished, an evaluation is compiled. The results are reported to the students and then archived according to the rules of the school.

Required Reading and Additional Study Material

Required reading

Nordstrand, Uno Byggstyrning. 250 p. (344)

Nordstrand, Uno Byggprocessen. 25 p. (248)

Produktionsstyrning på bygget, häfte 1 och 2. 50 p. (50)

Handledning i PlanCon och BidCon (Bygg) 80 p.(80)

Johansson, Thomas Byggstyrning – planeringsteknik, compendium. 75 p. (75)

Separate supplementary sheets and other material will be distributed during the course.