# AI1801 Construction Project Management 7.5 credits

## Byggprojektledning

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 AI1801 valid from Spring 2018

## Grading scale

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

## Education cycle

First cycle

## Main field of study

Built Environment,Technology

## Specific prerequisites

120 hp within the Built Enviroment or equivalent.

## Language of instruction

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

# Intended learning outcomes

The course teaches and explains innovation and project management. This includes managing separate projects as well as managing multi project organizations. In particular the course includes tasks and tools for managing the design process.

The aim is to prepare the participants for work in project-based organizations.

After the course, the participants shall:

1. Be familiar with, and be able to apply, basic project management concepts and methods.
2. Be familiar with the basic work tasks a project manager. Be familiar with the context and its effects on the project process.
3. Be familiar with the project stakeholders and their roles.
4. Be able to develop a minor project plan.

# Course contents

The project concept. Project management tools and methods. Project planning. Project organizing. Procurement. Project control. Project communication. Risk management and context analysis. The design process, including actors, organization and information- and communication needs.

# Course literature

To be announced at the start of the course.

# Examination

- TEN1 - Examination, 5.0 credits, grading scale: A, B, C, D, E, FX, F
- ÖVN1 - Exercises, 2.5 credits, grading scale: P, 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.

# 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.