AF2019 Infrastructure Construction Management 4.5 credits

Infrastructure Construction Management

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

Establishment

Course syllabus for AF2019 valid from Autumn 2008

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Specific prerequisites

Accounting for Road and Railway Track Engineering (AF2901), Road Construction and Maintenance (AF2903), Bridge Design (AF2201).

Language of instruction

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

Intended learning outcomes

The basic aim of the course is to give an understanding of principles and methods for management of bridges, roads and tunnels. This includes to understand the practice of site management and the procurement of supplies and contractors.

Course contents

The course is integrated in three other courses within the master programme in Infrastructure Engineering - Roads/Railway Track/Bridges/Tunnels. These courses are AF2202, AF2904 and AF2608. The content of the course is very much linked to the content of these other courses. The students will work with real projects and use modern IT-tools for applicable parts. Group assignments, individual in-depth studies and oral presentations will form part of the course.

Course literature

Will be announced at the beginning of the course

Examination

 • PRO1 - Project, 4.5 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.

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

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.