FEP3390 Reading Group in Advanced Topics in Communication Networks 1 10.0 credits

Läsgrupp för avancerade ämnen inom kommunikationsnät 1

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 FEP3390 valid from Spring 2011

Grading scale

Education cycle

Third cycle

Specific prerequisites

Language of instruction

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

Intended learning outcomes

After the course, the student should be able to:

· Thoroughly understand an advanced topic.

· Solve problems that can be addressed using the studied methodology.

Course contents

Advanced topicsin communication networks, which may change from year to year. Example: randomized algorithms and their application in communication systems.

Disposition

Lectures, exercises solved as homework problems. Students will present both lecture modules and as solved homework problems.

Course literature

Depends on the particular topic chosen. Example: Probability and Computing, by M. Mitzenmacher and E. Upfal,Cambridge University Press, 2005.

Examination

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

· Successful presentations of lecture modules.

· Correct solutions to home work problems.

· Presentation of some of those solutions.

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.