FEP3334 Advanced Course in Network Algorithms 8.0 credits

Avancerad kurs i nätverksalgoritmer

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 FEP3334 valid from Autumn 2012

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 specific classes of network algorithms that are relevant to emerging technologies.

· Apply the knowledge in systems projects.

Course contents

Classes of network algorithms.Precise course content may vary from year to year. Example: distributed aggregation algorithms, distributed search algorithms.

Disposition

Lectures and two projects that require programming.

Course literature

No text book. Research publications that are available through the course web site.

Equipment

Own computer.

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

· Both projects successfully completed.

· Successfully pass an assessment interview for each project.

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.