EP2400 Network Algorithms 7.5 credits

Nätverksalgoritmer

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

Establishment

Course syllabus for EP2400 valid from Autumn 2008

Grading scale

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

Education cycle

Second cycle

Main field of study

Specific prerequisites

For single course students: 120 credits and documented proficiency in English B or equivalent

Language of instruction

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

Intended learning outcomes

The main goal is to expose studens to algorithms that are essential for new technologies, in form of projects with an experimental flavor.

Course contents

Example of topics, which can vary from year-to-year: · algorithms for data aggregation in networks and distributed systems· algorithms for distributed search· algorithms for distributed configurations· algorithms for distributed trust and reputation schemes

Course literature

All literature will be made available through the course site.

Examination

- PRO1 - Project, 7.5 credits, grading scale: A, B, C, D, E, FX, 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.

The basis for grading will be the project reports for the two projects. Both projects will count in equal amounts towards the course grade

Other requirements for final grade

The student must complete and pass both projects.

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.