



FEP3323 Advanced Course in Network Management 8.0 credits

Avancerad kurs i nätverkshantering

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

Establishment

Course syllabus for FEP3323 valid from Autumn 2012

Grading scale

G

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:

- Understand basic frameworks for network and service management.
- Understand algorithms and protocols for distributed management.
- Understand concepts behind management policies.
- Develop an SNMP-based management application.

Course contents

SNMP, protocols for distributed management, concepts for internet and cloud performance management, management policies.

Disposition

Lectures, homeworks and a programming project.

Course literature

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

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.

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

Other requirements for final grade

- 60% Written exam, 40% project work.
- For passing the course, the written exam must be passed and the project must be accepted.

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.