2E1019 Examensarbete inom kommunikationsnät 30,0 hp

Master's Project in Communication Networks

När kurs inte längre ges har student möjlighet att examineras under ytterligare två läsår.

Fastställande

Kursplan för 2E1019 gäller från och med HT09

Betygsskala

G, D, U

Utbildningsnivå

Avancerad nivå

Huvudområden

Särskild behörighet

Students who passed courses in the area of communication networks for at least 15 credits.

The student should have at least 210 credits from the Master of Science in Engineering program or similar, or at least 60 credits from a Master Program related to the subject area.

Undervisningsspråk

Undervisningsspråk anges i kurstillfällesinformationen i kurs- och programkatalogen.

Lärandemål

The aim of the course is to develop the student's ability to independently carry out and report a project work within the area of communication networks.

After the course, the student is expected to be able to

* formulate a scientific research idea associated with scientific theories and/or earlier research within the area.

* make appropriate choices of scientific method, motivate them, and use the chosen methods in a systematic and competent way.

* formulate relevant and well-founded conclusions with reference to earlier research.

* present the work in both written and oral form, in a form consistent with the practice of the scientific community.

Kursinnehåll

The thesis work should consider an interesting and timely problem within the field of communication networks. The thesis project can be performed internally at the Laboratory for Communication Networks, or externally in collaboration with a company, other university or governmental institution.

The focus of the work should be on investigation and analysis of the problem. The extent of the work should be such that it is clear that the student has performed at least five months worth of full-time work.

As an important part of the thesis work is the careful specification and schedule for the task, and a search and study of relevant literature. The thesis work is presented both as a written and an oral report.

Kurslitteratur

The course literature is determined together with the advisor.

Examination

- XUPP - Examensuppgift, 30,0 hp, betygsskala: G, D, U

Examinator beslutar, baserat på rekommendation från KTH:s handläggare av stöd till studenter med funktionsnedsättning, om eventuell anpassad examination för studenter med dokumenterad, varaktig funktionsnedsättning.

Examinator får medge annan examinationsform vid omexamination av enstaka studenter.

The student has to provide a written report and give an oral presentation. In addition, the student has to be present on two master thesis presentation and oppose one thesis before his/her own presentation.

The thesis work can be performed individually or together with another student. In the latter case the work of each of the students have to fulfill the requirements for an individual thesis work.

Övriga krav för slutbetyg

Pass or Fail grades. The examiner determines the grading together with the advisor. The grade is determined by several criteria, the quality of the scientific work, the quality of the written report and the oral presentation and the student's performance during the project.

Etiskt förhållningssätt

- Vid grupparbete har alla i gruppen ansvar för gruppens arbete.
- Vid examination ska varje student ärligt redovisa hjälp som erhållits och källor som använts.
- Vid muntlig examination ska varje student kunna redogöra för hela uppgiften och hela lösningen.