



# 2E1012 Master's Project in Automatic Control 30.0 credits

Examensarbete inom reglerteknik

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 2E1012 valid from Autumn 2009

## Grading scale

G, D, U

## Education cycle

Second cycle

## Main field of study

Electrical Engineering

## Specific prerequisites

## Language of instruction

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

## Intended learning outcomes

A master thesis project (exjobb) is an independent investigation or a design work dealing with engineering scientific problems. The work has to be a direct application of the knowledge and skills assimilated by the master student during his/her engineering studies and be oriented toward the area defined by the specialization block chosen by the student. The level of difficulty of the master thesis work should satisfy the normal requirements of a master of engineering (civilingenjör). A Master thesis project should deal with direct applications of the latest in the area. It has to contain a certain novelty with a good amount of literature study, appropriate models and assumptions, methods to be used, own analysis, and/or systematic problem solving.

## Course contents

A Masters' Degree Projects can be performed in collaboration with a company or some governmental institution, at a university abroad, or within the department.

## Disposition

- Written report
- Oral presentation
- Opposition
- Attending at least two other oral presentations

## Examination

- XUP1 - Examination Question, 18.0 credits, grading scale: G, D, U
- XUP2 - Supplementing, 12.0 credits, grading scale: G, D, U
- XUPP - Examination Question, 30.0 credits, grading scale: G, D, U

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.

## 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.