



EH115X Degree Project in Industrial Information and Control systems, First Cycle 15.0 credits

Examensarbete inom industriella informations- och styrsystem, grundnivå

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

Establishment

Course syllabus for EH115X valid from Spring 2013

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

At last 120 credits have been achieved before the start of the bachelor thesis.

Subject area qualifications are checked by the examiner.

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:

1. apply relevant knowledge and skills from one of the main applications areas of electrotechnology by analysing and discussing issues in this area as well as solving more complex problem on a basic level in this area,
2. describe the basic concepts and nomenclature in at least one of the application areas of electrotechnology
3. where required, apply international and national regulations and show awareness of social and ethical aspects including economically, social and ecologically sustainable development
4. reflect upon and critically assess scientific results,
5. document and report the work orally as well as in writing, with strict requirements on structure, format, and language usage,
6. identify the need for further knowledge and continuously develop one's own knowledge,
7. plan and independently handle a small project, requiring interaction with others to achieve a coordinated goal.

Course contents

Independent work on solving a industrial problem, oral and written communication as well as evaluation and critical assessment of ones own and other results.

Disposition

The main content is work on solving a industrial problem, oral and written communication as well as evaluation and critical assessment of ones own and other result within the same context.

Examination

- XUPP - Examination Questions, 15.0 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 examination is done continuously during the course in a number of specific requirements. All tasks must be passed to give a pass on the whole course. Better results will then contribute to the grade.

Other requirements for final grade

1. Working Plan
2. Written Report
3. Oral Presentation & Opposition

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.