



Course syllabus

Faculty of Technology

Department of Physics and Electrical Engineering

2FY80E Examensarbete på kandidatnivå i fysik, 15 högskolepoäng

Degree Project in Physics, 15 credits

Main field of study

Physics

Subject Group

Physics

Level of classification

First Level

Progression

G2E

Date of Ratification

Approved 2009-08-11

Revised 2017-11-13 by Faculty of Technology. Removal of ECTS-grading scale.

The course syllabus is valid from spring semester 2018

Prerequisites

75 credits in Physics including 15 credits G2F-level or equivalent.

Objectives

The main purpose of this course is to develop the student's ability of applying his knowledge and skills to research or development tasks in physics. After the course, the student shall:

- be acquainted with theory and methods of science
- be able to summarize and apply his knowledge of the subject
- be able to seek information in library collections
- be able to analyze measurements or results of calculations
- be able to give an account of his conclusions, orally and in writing.

Content

The course includes:

- an introduction in the subject area and planning of the project
- literature searches
- an introduction in the chosen theoretical or experimental methods
- supervision in research and writing
- presentation of research results.

Type of Instruction

Supervision and tutoring.

Examination

The course is assessed with the grades Fail (U) or Pass (G).

Assessment is based on the student's written report, his oral presentation and his defense.

Course Evaluation

During the course or in close connection to the course, a course evaluation is to be carried out. The result and analysis of the course evaluation are to be communicated to the students who have taken the course and to the students who are to participate in the course the next time it is offered. The course evaluation is carried out anonymously. The compiled report will be filed at the Faculty.

Required Reading and Additional Study Material

Required reading

Literature depends on the choice of project