Course descriptions for the project courses SI2800 and SI2801

SI2800 Project Work in Physics (7.5 ECTS credits)

Course contents and main requirements
A project work consists of an individual assignment with a specialization and topic in a given specific field of physics. The project work should be presented with requirements of content, structure, and language.

Examination and completion
Oral form: The project work should be presented in an oral presentation in form of a public seminar, using some written presentation material (PRO1). The length of the oral presentation should be around 30 minutes. The ideal target audience of the oral presentation should be other students in the master's program in Engineering Physics (or equivalent).

PRO1 (7.5 ECTS credits):	Project (oral form)	Grading scale: P, F

SI2801 Physics, Project Course I (15 ECTS credits)

Course contents and main requirements
A project work consists of an individual assignment with a specialization and topic in a given specific field of physics. The project work should be presented in written **and** oral form with requirements of content, structure, and language.

Examination and completion
Written form: The project work should be presented in a written report (PRO1). The written report is often a literature study, so it is natural that it contains background material. The length of the written report should be of the order of 30 ordinary A4 pages. The ideal aim of the written report should be towards other students in the master's program in Engineering Physics (or equivalent) that should be able to read and digest the written report.

AND

Oral form: The project work should also be presented in an oral presentation in form of a public seminar (PRO2). The length of the oral presentation should be around 30 minutes. The ideal target audience of the oral presentation should be other students in the master's program in Engineering Physics (or equivalent).

PRO1 (7.5 ECTS credits):	Project, part 1 (written form)	Grading scale: P, F
PRO2 (7.5 ECTS credits):	Project, part 2 (oral form)	Grading scale: P, F

Application, registration, and process of examination and completion

Once a student and a supervisor have a well-defined project work, the student applies to perform this project with the supervisor in question. This application process is conducted using a form. A signed form confirms that the student can perform the project work with the given supervisor. After the form has been signed, the student can be registered on the course and the project work can start.

<u>Process for the course SI2800:</u> Once the student has carried out the project work, the supervisor contacts the examiner to examine the student. The student then presents the project in oral form. After the project work has been presented, the examiner sets the final grade (P or F) on the project work with input from the supervisor. The final grade is reported in the system *Ladok* by the examiner.

<u>Process for the course SI2801:</u> Once the student has carried out the project work and written a report on the project, the supervisor contacts the examiner to examine the written report, which should also be checked for plagiarism using the tool *Inspera Originality*. Once the written report (PRO1) has been examined by the examiner with grade P or F, the supervisor organizes a public seminar, where the student orally presents the project. After the oral presentation, the examiner and the supervisor will have a discussion on the examination of the oral presentation for the project (PRO2), and a grade, P or F, is determined for this oral presentation. Finally, the examiner sets the final grade (P or F) on the project work (SI2801) based on the grades for the written report and the oral presentation. If either the grade for the written report or the grade for the oral presentation is F, then the final grade will be F. In order for a student to pass the course requirements for a final grade P, the student must have obtained the grade P for both the written report and the oral presentation. The grades are reported in the system *Ladok* by the examiner.

Staffing and crediting for supervisors

A supervisor for a project work is credited in the staffing for teaching at the Department of Physics with 10 h for the course SI2800 and 20 h for the course SI2801. The crediting is added to the semester when the project work was completed and examined. Although the examination is conducted by the examiner, the crediting of hours will still go to the person who supervised the student in question.