

Course Evaluation for Modern Physics SH1012 Spring 2022

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Introduction

The course started in period 3 continued over period 4. The lectures and the exercise hours were held in zoom in period 3 and in the campus in period 4. A part from the lectures and exercise hours, the course also included two lab occasions and a research oriented project work which were held in campus. One home exam was held at the end of period 3 and it gave up to 2 bonus points to the final grade.

All parts of the course took place without major problems, the largest problem being the low student attendance to the lectures and exercise hours, especially during period 4. SH1012 is being held in coordination with the old Modern Physics Courses SH1013 and SH1009.

Comments from students

In order to improve the course for the coming year a student survey was carried out. A total of 10 students answered the questions. As a reason for not attending the lectures and the exercise hours several mentioned colliding lectures with other courses, and with the bachelor thesis work. One student also mentioned the long distance to Alba Nova where the lectures are being held. Many students said that they were happy with the book and with the lecture slides which are available in Canvas. This may have also affected the low attendance to the lectures. Among other remarks, one student suggested introducing more labs to the course and another explained that lectures where the blackboard is used are better compared to the lectures given as power point presentations. Also wishes to have more examples during the lectures and more home exams giving bonus points to the final exam were expressed.

For the next year

Hopefully, the Covid restrictions will be over and all lectures and exercise hours will be held in lecture rooms. In this case, parts of the lectures and all exercise hours can be carried out by using the black/whiteboard. Instead of one, two home exams can be given both contributing to the final grade. Lecture notes have room for improvements, which means writing clearer texts. Finally, in order to make the lectures more interesting, more examples from new research results will be given.