

Kursanalys för SK2411

Datum för kursanalysen	2024-04-20
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Sida 1: Kvantitativ analys

Läsår:	2023
Läsperiod(er):	P3

Kursansvarig:	Valdas Pasiskevicius
Lärare: Föreläsare	Valdas Pasiskevicius
Övningsassistenter	Tim Wörmann
Labassistenter	Fredrik Laurell, Martin Brunzell
Övriga inblandade lärare	

Antal registrerade studenter	15
Prestationsgrad, * % (t.o.m. ovan datum)	80 %
Examinationsgrad, ** % (t.o.m. ovan datum)	80 %

* Antalet presterade poäng hittills på kursen dividerat med antalet möjliga poäng för de registrerade studenterna vid gällande datum.

** Andel studenter av de registrerade som klarat samtliga kurskrav vid gällande datum.

OBS! När du skickar in din kursanalys, bifoga aktuell kursplan.

Sida 2: Kvalitativ analys

Kursens pedagogiska utveckling

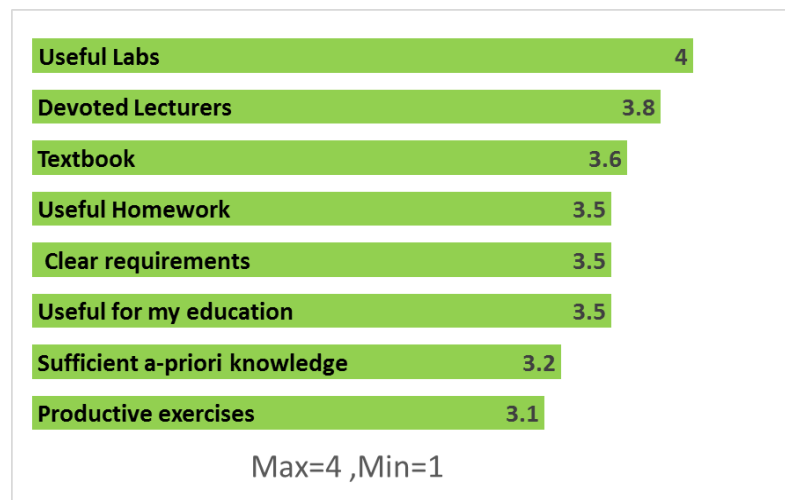
Redogör för eventuella förändringar införda utifrån förra årets kursanalys.

1. New lecture notes and lecture plans were produced for half of the course.
2. Lecture notes have been updated with new developments in the field.
3. Solid state laser lab was totally new.
4. New homework tasks were composed.
5. New lab instructions were prepared.
6. The course website was continuously updated.

Studenternas syn på kursen

Redogör för studenternas syn på kursen (dokumenterad genom kursenkät, kursnämndsmöten, intervjuer och/eller annan lämplig metod).

The student questionnaire was given during the exam. All students provided answers. The statistics are shown below:



From the answers and the feedback during the course, it is clear that the students appreciated all aspects of the course, especially labs. Efforts by the lecturers are highly appreciated. The textbook appears to be on the correct level. Although students rated their a-priori knowledge lower; apparently, that was not a hindrance to understanding the textbook and course materials. Homeworks do help. The exercise sessions need some boost. The main reason is that the teaching assistants for exercises have

been changing rather often. That can result in less consistent preparation for the exercise sessions.

Kursansvarigs syn på kursen

Sammanfatta hur utförandet och resultatet av kursen gått, samt tolka/analysera studenternas syn på kursen.

The course in 2023 had a similar registration rate as in 2022. Students were motivated and rated highly the opinion that the course was useful for their education. Students from other tracks and master programs joined the course. That is very appreciated, and the teaching has been adjusted to support better students who did not take the Light-matter interaction course before. Due to the fact that one long-time lecturer in the course's previous editions left KTH, the lecture notes and lecture plans for half of the course were remade from scratch.

The labs are most appreciated in the course. The solid-state laser lab's previous setups deteriorated substantially, so the new ones had to be assembled using components and resources from the KTH Laser Lab. The labs took place on the premises paid for by the Laser Physics group. No support from the department, unfortunately.

The task load during the open-book exam was appropriate so that the results reflected students' preparation level and performance throughout the course as monitored by the outcomes of home assignments.

Förändringar inför nästa år

Föreslå vilka förändringar du planerar att göra för att främja kursens pedagogiska utveckling och kvalitet.

Optimize exercise sessions.