Report - SK2550 - 2018-04-13

Respondents: 1
Answer Count: 1
Answer Frequency: 100.00 %

Please note that there is only one respondent to this form: the person that performs the course analysis.

Course analysis carried out by (name, e-mail):

Ulrich Vogt, uvogt@kth.se

COURSE DESIGN

Briefly describe the course design (learning activities, examinations) and any changes that have been implemented since the last course offering.

Changes: Second application topic for oral exam

THE STUDENT'S WORKLOAD

Does the students' workload correspond to the expected level (40 hours/1.5 credits)? If there is a significant deviation from the expected, what can be the reason?

Large spread between 3 - 20 hours, average 100 hours corresponds to 6hp. Spread can be explained by the different backgrounds of the students, course participants were more diverse this year.

THE STUDENTS' RESULTS

How well have the students succeeded on the course? If there are significant differences compared to previous course offerings, what can be the reason?

Same as years before.

OVERALL IMPRESSION OF THE LEARNING ENVIRONMENT

What is your overall impression of the learning environment in the polar diagrams, for example in terms of the students' experience of meaningfulness, comprehensibility and manageability? If there are significant differences between different groups of students, what can be the reason?

Very positiv results, one of the best ever.

ANALYSIS OF THE LEARNING ENVIRONMENT

Can you identify some stronger or weaker areas of the learning environment in the polar diagram - or in the response to each statement - respectively? Do they have an explanation?

In general very positiv, nothings sticks out.

ANSWERS TO OPEN QUESTIONS

What emerges in the students' answers to the open questions? Is there any good advice to future course participants that you want to pass on?

Same type of answers as in previous years, no surprises.
4 persons/lab is too many, 3 better.

PRIORITY COURSE DEVELOPMENT

What aspects of the course should primarily be developed? How could these aspects be developed in the short or long term?

Participation of lectures and seminar was very low this year. Despite this course got positiv feedback.
Homework problems should be seen over, some questions need to be exchanged.
Include more information in the lectures about certain aspects that get wrong answers in homework problem (e.g. photon counting detector).
Develop lab with introductory test "oral" exam, lab should maybe done by Jonas and Ulrich, not PhD student.

Course data 2018-04-19

SK2550 - X-ray Physics and Applications, VT 2018

Course facts

Course start:	2018 w.3
Course end:	2018 w.11
Credits:	6,0
Examination:	INLA - Home Assignment, 3.0, Grading scale: P, F REDA - Examination, 3.0, Grading scale: A, B, C, D, E, FX, F
Grading scale:	A, B, C, D, E, FX, F

Staff

Examiner:	Ulrich Vogt <uvogt@kth.se>
Course responsible teacher:	Ulrich Vogt <uvogt@kth.se>
Teachers:	Ulrich Vogt <uvogt@kth.se> Jonas Sellberg <jonassel@kth.se>
Assistants:	Karolis Parfeniukas <karolisp@kth.se>

Number of students on the course offering

First-time registered:	12
Total number of registered:	12

Achievements (only first-time registered students)

Pass rate[1] [%]	91.70%
Performance rate[2] [%]	91.70%
Grade distribution[3] [%, number]	A 18% (2) B 64% (7) C 9% (1) D 9% (1)

1 Percentage approved students
2 Percentage achieved credits
3 Distribution of grades among the approved students