



Report - SK1105 - 2017-10-27

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, Carlota Canalias

COURSE DESIGN

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

6 Labs, Oral presentation, Written report
First time course was given.

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?

Course workload should be ca. 100 hours, majority (60%) is at 6-8 hours/week, approx. 64 hours.

Possible reasons:

P/F course

Large part of course work should be done at home

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?

Very high examination rate, only 1 student dropped off during course

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?

General response is positive.

Difference between man and woman for questions 2 and 20, in opposite ways, which is contradictory, teachers should reflect on how they address mixed groups



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?

Strong aspects:

Questions 5,6,8,15,21

Course design, group work, P/F teachers engagement

Weak aspects:

2, 7, 17, 18, 20

Some instructions could be more clear, lack of pre-knowledge for two of the labs

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?

Course was interesting and fun, important to prepare and document results.

Improvement proposals:

How to make presentation and write report

More Quizzes

Better alignment with SK1104 course

PRIORITY COURSE DEVELOPMENT

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

Instructions for report and presentation, both in general and specific for each lab (maybe two lectures on this)

Some lab instructions has to be reviewed

Induction lab has to be simplified

Change order: Parkeringsensor with Induktion

Increase lab time or reduce lab tasks so there is more time for reflection during lab hours

Submit results from all labs every week independently from the final presentation/report

Kursdata 2017-12-01

SK1105 - Experimentell fysik, HT 2017

Kursfakta

Kursen startar:	2017 v.35
Kursen slutar:	2017 v.43
Antal högskolepoäng:	4,0
Examination:	RED1 - Redovisning, 2,0, betygsskala: P, F RED2 - Redovisning, 2,0, betygsskala: P, F
Betygsskala:	P, F

Bemanning

Examinator:	Ulrich Vogt <uvogt@kth.se>
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Assistent:	Marina Zelenina <marinaz@kth.se> Kjell S Carlsson <kjellc@kth.se>

Antal studenter på kursomgången

Förstagångsregistrerade:	127
Totalt registrerade:	127

Prestationer (endast förstagångsregistrerade studenter)

Examinationsgrad ¹ [%]	98.40%
Prestationsgrad ² [%]	96.50%
Betygsfördelning ³ [%, antal]	P 100% (125)

1 Andel godkända studenter

2 Andel avklarade poäng

3 Betygsfördelning för godkända studenter