

Report - EL2810 - 2023-04-18

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):

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DESCRIPTION OF THE COURSE EVALUATION PROCESS

Describe the course evaluation process. Describe how all students have been given the possibility to give their opinions on the course. Describe how aspects regarding gender, and disabled students are investigated.

At the end of the course, the students were sent a link to a course survey, which evaluates different aspects of the course, including gender and disability issues.

Also, a Google forms was available throughout the course for the students to submit anonymous feedback (only 1 comment was submitted in this way, though).

COURSE DESIGN

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

Unlike the previous course round, this time the course was given on campus; this included the lectures, exercise sessions, labs and exam.

THE STUDENTS' 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?

According to the course survey, most students spent 23 hours or less per week on the course. This is within the expected workload for a 7.5 hp course, of about 25 hours / week. However, due to lack of prerequisites, some students may have had to spend more time to compensate.

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?

Out of 20 students who took the exam, 15 passed and, of them, 7 had A grade. In this regard, the results of the course were quite successful.

STUDENTS' ANSWERS TO OPEN QUESTIONS

What does students say in response to the open questions?

Overall the students liked the course, and considered it to be very interesting. Some mentioned that the assessments were a bit heavy. I think the most important comment was regarding expectations on the prerequisites needed for the course, because some students felt that they were not prepared for the high mathematical level of the course.

SUMMARY OF STUDENTS' OPINIONS

Summarize the outcome of the questionnaire, as well as opinions emerging at meetings with students.

Please see the previous answer.

OVERALL IMPRESSION

Summarize the teachers' overall impressions of the course offering in relation to students' results and their evaluation of the course, as well as in relation to the changes implemented since last course offering.

The teachers are in general satisfied with this course round, even though we believe that more emphasis should be put on the pre-requisites, for example, by providing some links/references to background material that the students could use to supplement their studies.

ANALYSIS

Is it possible to identify stronger and weaker areas in the learning environment based on the information you have gathered during the evaluation and analysis process? What can the reason for these be? Are there significant difference in experience between:

- students identifying as female and male?
- international and national students?
- students with or without disabilities?

- There were no major differences in responses according to gender. However, in the survey, female students tended to rank higher the fairness of the course assessments, their background knowledge for the course, and their possibility to collaborate with others, but ranked slightly lower on general interest in the course topics, and on the clarity of the course goals.

- Regarding international students, since they are not used to the KTH system, some might have found it difficult to follow the course. In the course survey, one international student suggested to provide general hints in the first lecture on how to study for the course.

- No students who identified themselves as disabled answered the survey nor provided feedback during the course.

PRIORITIZED COURSE DEVELOPMENT

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

The main aspect of the course to be developed further is related to required prerequisites and background: in the first lecture, we should state more clearly the mathematical level required for the course.
