



Report - ML1332 - 2021-09-07

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):

Mark Lange, mlang@kth.se

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.

LEQ course survey based on 6 questions was sent and open between 2021-08-24 and 2021-09-06.

DESCRIPTION OF MEETINGS WITH STUDENTS

Describe which meetings that has been arranged with students during the course and after its completion. (The outcomes of these meetings should be reported under 7, below.)

Students meetings during ZOOM sessions.

COURSE DESIGN

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

Weekly topic modules with an introductory lecture and a mid-task computer lab. Six topic modules over eight weeks of the course. A small simulation project was conducted parallel to the topic modules.

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?

No survey report was submitted, 1/35 respondents.

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?

This groups of students all failed the final exam (an individual digital examination). All the students were given an opportunity to provide additional material in order to complete the examination.

82,9% course completion rate

STUDENTS' ANSWERS TO OPEN QUESTIONS

What does students say in response to the open questions?

No report from the online survey.



SUMMARY OF STUDENTS' OPINIONS

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

No report from the online survey.

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 course is based on the student's individual study and then learn by doing. Perhaps the examination should also be an explanation by the student of "what did I learn".

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?

No report from the online survey.

PRIORITIZED COURSE DEVELOPMENT

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

Most students try to avoid the math in the course, even when it is enabled using a calculation worksett application like Mathcad Prime.

OTHER INFORMATION

Is there anything else you would like to add?

ZOOM was used to deliver the entire course. Not good. The course shold have been revised to enable its delivery using ZOOM.