

Report - AG2301 - 2023-02-06

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.

Other than the anonymous written course evaluation, three meetings were organized with the students. Two student representatives' contact were shared at the beginning of the course and students were encouraged to provide feedback through them or directly to the teachers.

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.)

Three meetings were organized (two during the course and one after). Dates and locations were announced ahead of time in Canvas. Students took actively part in it including the student representatives. When possible the suggestions were readily addressed during the course.

COURSE DESIGN

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

- Gender and equity issues on data collection and analysis were discussed.
 - Novel methods of data collection and implications for analyses were introduced.
 - Resources for Python coding were share
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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?

Yes, on an average

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?

91% passed the course

STUDENTS' ANSWERS TO OPEN QUESTIONS

What does students say in response to the open questions?

Students asked for more help with Python, more exercises and suggest that module one should be recommended for those beginner in python. This being the short course module one was not mandatory for the AG2301 students to attend.

SUMMARY OF STUDENTS' OPINIONS

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

More help with lab, particularly programming help for those who need was requested. Making module one a strong recommendation for those might be an option. However the students joining late in the course makes it difficult to enforce.
More exercises and more detailed explanation of the concepts and theories were also recommended.

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.

Given the lack of anonymous survey responses, I will rely on the course discussion and the result. Based on those the overall impression is good. The feedback will be taken into account to ease the course navigations easily next time. Also this is the first time open book exam in a KTH computer lab were administered. There were several issues which will be addressed for a smooth run next time.

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?
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A bit mixed, some students have some programming skills. For them it was more fun than the others. Similarly some students enjoyed the quantitative aspects of the course while others struggled.

PRIORITIZED COURSE DEVELOPMENT

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

Labs: consider dividing the class based on programming skills and arrange extra labs for beginners. Make module one 'strongly recommended' for AG2301 students instead of 'optional'.

Lectures: stress on self learning, doing the exercises presented in lecture as well as complete the essential reading.

Exam: address the IT glitches during digital exam, improve the training for exam. AG2301 exam time will be shortened since they only take 2 modules.

OTHER INFORMATION

Is there anything else you would like to add?

First time delivering this course; learning opportunity for me as well.
