Report - AH2170 - 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.
- Data collection part was added. A practical field exercise was designed.
- 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 shared

THE STUDENTS' WORKLOAD
Does the students' workload correspond to the expected level (40 hours/1.5 credits)? If these 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?
67% passed the course

STUDENTS´ANSWERS TO OPEN QUESTIONS
What does students say in response to the open questions?
Students appreciate the course, asked for more help with Python, more exercises and help with course literature

SUMMARY OF STUDENTS' OPINIONS
Summarize the outcome of the questionnaire, as well as opinions emerging at meetings with students.
The course is overwhelming for some students. More breaks during lectures was suggested. More help with lab, particularly programming help for those who need was requested. A suggestion is to divide the labs in two groups with beginner and intermediate programming skills.

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

PRIORITIZED COURSE DEVELOPMENT
What aspects of the course should be developed primaily? 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.
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, imrpove the training for exam

OTHER INFORMATION
Is there anything else you would like to add?
First time delivering this course; learning opportunity for me as well.