Course analysis AK2040, period 1 2022

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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.

Students have been asked to fill out the LEQ through the central KTH system. This also investigates aspects regarding gender and disabled students. A 12 questions LEQ template was used without additional questions. However, too few students responded to this questionnaire in order to generate any results (i.e. lesser than 3 students responded). Due to this, much of what is said in this report is based on prior experience about AK2038 as well as results from, and a discussion about, similar course codes.

DESCRIPTION OF MEETINGS WITH STUDENTS

Describe which meetings that has been arranged with students during the course and after its completion.

A meeting for course evaluation where student representatives and PAs has been arranged for period 1 2022. Much of the information in this report is based on that meeting.

COURSE DESIGN

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

AK2040 has eleven video lectures and four seminars that covers the main areas of the course. The seminars are given at campus. AK2040 takes a project part which consists of lectures tasks and an individually written essay concerning the philosophy of mathematics. The examination is a 4 hour exam which consists of 3 parts. It is given online and is an open-book exam, but no supervision is demanded and it can be taken from anywhere. No changes were made from period 4. See these analyses for further pandemic-related changes.

THE STUDENTS' WORKLOAD

Does the students' workload correspond to the expected level (40 hours/1.5 credits)? If it is a significant deviation from the expected, what can be the reason?

AK2040 is a course that is planned to be put on hold because we currently have no programs that are enrolled for it. Consequently, only one student took this course in period 1, and this student simply took it to complete the exam. Hence, there is no data particularly on AK2040 students' attitudes.

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?

AK2040

A	0%
B	0%
C	0%
D	0%
E	0%
F	100%
Fx	0%

STUDENTS´ANSWERS TO OPEN QUESTIONS

What does students say in response to the open questions?

Generally, students seem to be satisfied with the video lectures and their quality, and also with the seminars (some students want them to be longer). They also report that they enjoy the opportunity to plan the schedule for themselves, since the video lectures are available from day one and can be watched whenever.

Several students reported that it was hard to get 14/15 points for the quizzes. The meeting did not consider that this in itself was an indication that something should be changed, rather that the quiz questions should be continually improved based on feedback.

A polarization issue was also raised by one of the attending PAs. Basically, it was hypothesised that the reason for the somewhat polarized (those students that think that the course is good think that it is very good, whereas those that think that it as bad think that it is *very* bad) attitudes toward the course could be because of our "non-standardized" way of teaching our subject. This was something that the attending philosophy personnel were interested in hearing more about, and it was decided that we would have a further meeting with the respective PA in response to this.

Note that all of this is based on data and discussions from courses similar to AK2040, but not from AK2040.

SUMMARY OF STUDENTS' OPINIONS

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

As noted above, no quantified outcomes could be generated for AK2040.

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 saw a general positive trend for the course and its development. We are now in the area of fine tuning most aspects of the course, rather than drastic changes.

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 be?

There is no aspect of the learning environment that sticks out in either direction, the courses taken as a whole. The general structure of the course is functioning well and fills its purpose. Improvements can be made to particular aspects, such as quizzes.

The meeting also discussed the flipped classrooms which we took back in its original form during this period (for pandemic-related reasons they were previously given online as a "discussion forum"). It was observed that the students generally seem to appreciate these sessions and we concluded that we will definitely keep putting energy into making these activities even better.

Are there significant differences in experience between:

- students identifying as female/male?

No breakdown.

- international/national students?

No breakdown. Generally, exchange students usually have a less favourable view of the course than the Swedish students. However, this period this attitude couldn't be seen in students' attitudes.

- students with/without disabilities?

No breakdown.

PRIORITIZED COURSE DEVELOPMENT

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

- Grading system will be further discussed and developed by the teachers.
- The quizzes will be continually improved.
- The course text will be updated.
- Transcriptions of videos from course text might be transferred into the videos as captions.
- Flipped classrooms back to their original form (and are being improved).

OTHER INFORMATION

Is there anything else you would like to add?

No.