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):
Lars Nordström, larsno@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.
The course was evaluated using a course survey at the end of the course (12/38) respondents - this was open to all. Unfortunately there was no meeting with student representatives due to lack of planning and the closing of campus early in period 4.

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.)
See above, unfortunately no meeting arranged.

COURSE DESIGN
Briefly describe the course design (learning activities, examinations) and any changes that have been implemented since the last course offering.
The course consists of three modules. This year, the first module on Power system Control has been expanded and a new teaching tool (ARISTO) was introduced. The second module was reduced in scope and more focused and the assessment of the second module was replaced with a study on State Estimation which more closely reates to the first module - thus providing more continuity. The state estimation module was earlier- included in the course uni until 2017. The third module on power system communication remained unchanged.

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?
More or less ok, the answers vary a lot and the number of respondents is not very high

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?
The success rate this year is lower than previous years. The reasons appears to be more difficulties passing the state estimation assignment as opposed to the previous assignment on substation automation.

STUDENTS´ANSWERS TO OPEN QUESTIONS
What does students say in response to the open questions?

Positive responses about connection to other courses by providing use of tools and concepts that connect content from other courses. Cleary the last and third part on communication is too wide and unfocused, despite efforts to make it more focused. At the same time it was also appreciated by some students.

SUMMARY OF STUDENTS' OPINIONS
Summarize the outcome of the questionnaire, as well as opinions emerging at meetings with students.

Overall the satisfaction with the course - in terms of quantitative answers has increased significantly.
No meeting was held, nothing to add regarding discussions.

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 use of the ARISTO tool was a clear improvement for the power system control module.
It provided a good basis for discussion on power system control concepts.

The communication aspects continue to be appreciated but at the same time confusing.

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?

It appears that student appreciation of the course is similar across all groups.

PRIORITIZED COURSE DEVELOPMENT
What aspects of the course should be developed primaily? How can these aspects be developed in short and long term?

The power system control part needs to be improved also with examples of smaller systems before use of ARISTO is introduced, this in order to confirm understanding of basics before large scale system aspects are introduced.
More exercises and examples need to be introduced for module 2 on state estimation.
The communication part needs to be given a more narrow scope and clearly link it to the preceding modules.