Course analysis: MJ2518, Energy Demand and Supply Distribution Systems in the Built Environment, VT25 (60324)

Changes made since previous course offering

Previous course round seemed to work very well. As it appeared, students were satisfied with the course, the home assignment, the lectures, and the labs. Specifically, it was mentioned that the use of MS ONENOTE for distribution of the exercises made in the classroom and the fact that the recorded videos of the very same exercises were the same when studying was really helpful. Based on the feedback from last year course round, the course was given in the same manner without any changes.

Compilation of course evaluation results (required)

The course is a course with a small amount of students. We meet regularly in relation to the lectures and at the help sessions for the Home Assignment. The response during these meetings seemed satisfactory as neither of the teachers heard any issues with current course round. In the course evaluation survey the response rate was 18.75% (6 response out of 32 course participants). In the course evaluation one of the six responses shows some concerns. The major issue raised by the student is that the examination was a disappointment, and that is was scope of exam seemed to be outside the content covered during lectures. It is unclear why that is perceived, however it may be due to that old re-exams posted on CANVAS contains exams from previous course (MJ2422), which did contain additional materials.

It was also reported that the response of response of issues sent via the CANVAS event. Looking through now afterwards the incoming messages indicate that maybe one out all messages was not answered either via CANVAS or via mail. I am not sure that the student in this case then is responding in the correct course?

All respondents seemed satisfied with the home assignment and the help provided.

Course coordinator's reflections on what has worked well and what can be developed in the course

In general the content and scope works well. The connection in the lectures, carried out as a Hybrid-lecture (In-class, zoom, and recording) and hybrid-exercises (in-class, zoom, recording, solutions hand-outs in OneNote via use of Tablet-PC) works fairly well, some technical limitations due to quality of pen-tablet synchronization that my be resolved by purchasing better quality equipment. The main benefit with live use of OneNote is at the students, if logged in, may follow in real time and also scroll back in OneNote seeing the full

development the problem. This is the closed so far simulating an In-class black board solution.

Home-assignment worked well, responsible teacher (Jaime Arias) does as always, an excellent job, and is also reflected in the response of the course evaluation.

Problem statement may need to be more carefully scrutinized in order to obtain proper scope and level, even though, to me, at least the scope of the exam in current course round was within the materials taught.

Summary of changes to be introduced for the next course (required)

Given the previous history and the response of the last course offering, it seems very little need to be changed. The one thing to extend is the level of leveling the exam level.

Brief comment on result of examinations

After the FX-assignment (two different dates for FX-exam were made available) of the exam, out of 33 students taking the exam, 28 passed, two choose to not do the FX-exam, and 3 received a failing grade.

32 students passed the home assignment (INL1), and 31 passed the LAB1.

Overall, it seems that the through-put in the course is satisfactory.