Course report Faculty of Technology and Society

This course report is based on student feedback and submitted course evaluations, exam results and the teacher's idea for further development. The course report is published on the course website and Canvas-site.

Course name	Phase Transformations
Course code	MT641E
Semester	Ht24
Number of registered students	10
Course coordinator	Christina Bjerkén

	Course report is published on Canvas-site
x	Course report is published on course webpage

Compulsory course evaluation

Number of responses to the compulsory course evaluation	2

The compulsory course evaluation has been conducted through:

x	Standard template via Reflex
	Extended standard template with *own questions* via Reflex
	Own evaluation method by the course coordinator
If own evaluation method was conducted, describe how:	

Additional evaluations that were conducted during the course

	Separate survey
	Oral evaluation in class
	Oral evaluation in smaller groups
x	Other evaluation method
If other evaluation method was conducted, describe how: Continuous discussions with the students about the course content, course design and life itself, i.e. I believe I got a good grip of how the students experience the course. Additionally, we had a programme council the other day, and the response simply confirmed what I already assumed.	

Comments on the course evaluations

Write comments here

Only 2 out of 8 students that started course, have responded to the reflex survey. (Mean value grade = 8.8+/-1.2). Based on the Reflex evaluations, continuous discussions with students, and programme council, this course works very well. A comment from the Reflex evaluation that was very encouraging: *"This kind of format of course release a lot of anxiety and bring the student (or at least me) to feel that one is studying for the pleasure of learning rather than for the expectation of performing. This format is pedagogical and allows to really dig in the subject. Wish more courses were developed following this model."* One part of the course is still not working that well, the project, because the software could be tricky to install and the computational cost for the specific task is relatively high for a personal laptop computer. The presentation and report deadline had to be postponed this year since the students were very late with the project and oddly enough hadn't asked for supervision although offered that. Compared to the year before, it went relatively well. The task itself is relevant, though. Further, the reviewer of a self-evaluation of the CMS programme, conducted 2024, showed appreciation to the pedagogical approach of the MT641E course.

Examination results

x	Examination results are as expected
	Examination results are not as expected

Write comments here

All students that had collected bonus points, i.e. been active during the course, passed and the grade B was the most common result.

Recommendations and priorities for the course development

What is not obvious from the evaluation is that the teacher, I, put too much time and effort into this course since I really want the students to engage in their studies, and that I care for their well-being.

Recommendations:
- Project: Explore ways to make the group project a bit better, especially regarding computational resource demands. Have scheduled time slots for supervision and be clear about that supervision is needed for a successful project. Also, it'd be very valuable to have a course assistant that could handle the project assignment.