Kursrapport Fakulteten för teknik och samhälle

Kursrapporten baserar sig på studenternas synpunkter och inlämnade kursvärderingar, tentamensresultat och lärarnas förslag till utveckling. Kursrapporten publiceras på kurssidan och på Canvas.

Kursnamn	Objektorienterad programmering och modellering för IA
Kurskod	DA361B
Termin	Ht25
Antal registrerade	49
Kursansvarig	Hussan Munir

x	Kursrapporten är publicerad på kurstillfällets Canvas-sida
	Kursrapporten är publicerad på kursens webbplats

Kursvärdering

Antal svar på obligatorisk kursvärdering	6

Obligatorisk kursvärdering har skett genom:

X	Endast standardmall via Reflex
	Standardmall utökad med egna frågor via Reflex
	I egen regi av kursansvarig
Om kursvärdering skett i egen regi av kursansvarig beskrivs tillvägagångssätt här.	

Eventuella ytterligare värderingsmoment som skett under kursen

X	Separat enkät
	Muntligt i helklass
	Muntligt i mindre grupper
	Annat sätt
I have carried out a separate survey in addition to the standard one, and **25 students responded**. I have attached the survey results report.	

Kommentarer till kursvärderingar

In the extra survey with 25 responses, almost all students reported achieving the learning goals and expressed satisfaction with the teacher, lectures, and labs. The official university survey received very few responses (6 out of 49 students), but those who responded also indicated that the course supported learning outcomes and met expectations. The course received positive feedback overall. Students rated the teaching approach (8.96/10), lectures (8.32/10), and labs (8.64/10). However, there were some concerns: First,

students wanted more time between lectures and labs. Second, students struggled to grasp the UML concepts. It is also important to note that students were given extra UML practice exercises, but very few looked at them when asked in class. Below are a few comments from a student:

“The teacher was very mindful about making everybody in the class understand so that nobody got left behind. Hussan made the concepts and theoretical bits feel like they were prepping the students for work in the field.”

“I really liked that hussan is very engaged with making sure that you understand. And I really love the recaps!!! Sooo goood. + The Interactive parts where you get to try to think about a solution to a problem statement that hussan gave during lectures”

“Big lack of time before labs. Ideally you should have at least 4 days for labs. It's insane to only have 2. Especially when you spend the weekends doing nothing”

“Free coffee? And sometimes the time between the lecture and the lab is too short.”

Examinationsresultat

X	Examinationsresultat ser ut som förväntat
	Examinationsresultat avviker från förväntat

The biggest issue was the 54% failure rate in the exam. A few possible reasons are that many students choose not to attend lectures after the first few and over-reliance on AI tools. The exam was closed book, with no aids allowed, making independent problem-solving difficult. The use of responsible AI was communicated early in the course, but students do not seem to have a good understanding of its responsible use. The failure rate is consistent with other courses, indicating the common problems teachers face due to students' over-reliance on AI, especially in programming courses. The students are expected to put in 20 hours per week to practice code examples/Demos given in the lectures. In fact, a class evaluation showed that most student did not try the code demos after the lectures in their own study time.

Rekommendationer och prioriteringar för kursutveckling

The following improvements could be made for the next year.

- The responsible use of AI should be communicated more clearly at the beginning of the course.
- Every lecture has UML followed by a code example, but one more lecture could be added on UML relationships, along with the practice examples
- Emphasize that the course requires students to spend 20 hours per week based on the course plan.
- Finally, the scheduling of lectures and labs with more time in between is not always possible due to scheduling constraints, but I will try to adjust the schedule next year based on the room availability.