

## 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.

<b>Course name</b>	<b>Software Architecture and Security for the IoT</b>
<b>Course code</b>	DA643E
<b>Semester</b>	VT24
<b>Number of registered students</b>	35
<b>Course coordinator</b>	Kayode Adewole & Fahed Alkhabbas

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

### Compulsory course evaluation

Number of responses to the compulsory course evaluation	5
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The compulsory course evaluation has been conducted through:

X	Standard template via SSR (Sunet Survey and Report)
	Extended standard template with <i>own questions</i> via SSR
	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
X	Oral evaluation in class
	Oral evaluation in smaller groups
X	Other evaluation method
If other evaluation method was conducted, describe how:	
<p>During the seminars organized in the course, the students were asked to provide feedback on how satisfied they were with the course objectives and how the different learning activities in the course have been delivered, including the seminars. They were asked to provide continuous feedback on the course during the time of running the course. One important feedback that was received from the students during the running of the course is the need to improve the notification method regarding how the students receive announcement in Canvas. They expressed that notification should be sent for every update on Canvas (e.g. changes to module, upload of new files, and so on). Thereafter, the feedback was noted and implemented by the course lecturers.</p>	

### **Comments on the course evaluations**

Although the number of respondents during the course evaluation is small compared with the total registered students, however, the students who participated in the evaluation indicate that the course's learning objectives were fully covered based on the teaching method. The students expressed their satisfaction with the course learning activities and how they have supported in achieving the overall learning outcomes. The students agreed that the course had met their expectations. However, the possible areas for improvement as stated by the students are the need to improve the coherence of some of the course contents. Particularly, the students suggested that the explanation of some complex concepts should be elaborated during the lectures and in the course materials.

### Examination results

X	Examination results are as expected
	Examination results are not as expected
<p>Several assessments were conducted during the course including laboratory work, assignments, in-class quizzes, seminars, and written exam. Given the rigorous assessments and the students active engagement in the various course learning activities, it can be confirmed that the overall examination results were in line with our expectations. The students' performance in the course deliverables, such as laboratory assignments and seminars also increased their confidence during the written examination.</p>	

### Recommendations and priorities for the course development

<p>The following recommendations are suggested for further improvement:</p> <p>Lecture:</p> <ul style="list-style-type: none"> <li>• Complex concepts should be explained during the lectures.</li> <li>• The coherence of the course contents and the learning activities should be improved.</li> </ul> <p>Labs:</p> <ul style="list-style-type: none"> <li>• Expatiate on the purpose and motivation for using each of the commands in the lab instructions. This will make the instructions easier for students to follow along.</li> <li>• Explore the possibility of including lab instructions and assignments on the blockchain topic.</li> </ul> <p>Seminar:</p> <ul style="list-style-type: none"> <li>• Explore the possibility of grading the seminars. The overall seminar grade can be incorporated in Ladok.</li> </ul>
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