



KURSANALYS

- kursansvarigs summering och reflektioner

Denna blankett fylls i av kursansvarig efter avslutad kursomgång.

Kursanalysen anslås på KTH:s webb under rubriken Kursens utveckling och historik, på Kursinformationssidan

Kurskod: EP2790	Kursnamn: Security Analysis of Large-Scale Computer Systems	
Läsår: 2023	Period: P2	
Högskolepoäng: 7,5	Antal studenter: 31 (26 aktiva under kursen)	Svarsfrekvens kursvärdering: 25% (31%)
Examinationsgrad/prestationsgrad: 45% (54%)	Läraktiviteter: Föreläsningar, gästföreläsningar, formativa inlämningar, peer reviews, frågestunder.	
Examinationsmoment fördelade på högskolepoäng: <ul style="list-style-type: none">• PRO1 - Project work, 6.0 credits, Grading scale: A, B, C, D, E, FX, F• SEM1 - Seminars, 1.5 credits, Grading scale: P, F		
Undervisande lärare: Mathias Ekstedt		
Examinator: Mathias Ekstedt		
Kursansvarig lärare: Mathias Ekstedt		

Beskrivning av eventuella genomförda förändringar efter tidigare kursanalys

Four new external lectures and seminars dedicated to going through an assignment example were added.

Timing and the amount of Q&A, peer reviews, hand-ins were tuned.

The Canvas was updated a bit, some new information and some cleaning/updated messages.

Some minor updates in the reading material.

Sammanfattning av kursdeltagarnas svar på kursvärderingen

Grafer och citat från kursvärderingen kan läggas som bilaga om så önskas

In addition to the course survey, the course had a course committee meeting and feedback from the TCYSM link meeting.



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Overall, students seem happy with the course. The biggest challenge now seems to be how to motivate students to not procrastinate the work with the report (despite the fact that the course is actively designed with that in mind...) This was the same conclusion as last year... Some new ideas have come up this year.

Kursens starka sidor utifrån kursvärderingen och lärares reflektion, även i förhållande till de förändringar som genomförts inför kursomgången

- Insight from industry, real-life examples, guest lectures.
- the subject and the feeling that it is industrially relevant.
- Many like the structure/freedom in the course

Kursens svaga sidor utifrån kursvärderingen och lärares reflektion, även i förhållande till de förändringar som genomförts inför kursomgången

- Help with support how to work effectively in the course. How to make use of Q&A sessions, how far you should have gotten with the report to be in phase.
- Much stronger promote iterative working. Now, too many work too waterfall oriented.
- Increase support for peer collaboration.
- Change suggestion for how to iterate over the threat modeling phases, starting with the system architecture.
- Clarify that attack trees should be explicitly related to the system architecture.
- Introduce comments on the Western-biased presentation of adversaries.

Ansvarig lärares sammanfattande synpunkter

Last year the conclusion was that the course design now seems to have reached a steady design. We now get comments from students that both want more and less or think good or bad about the different parts of the course. So, there seems to be no clear argument for making larger changes. I draw the same conclusion from this year's comments, that were more in numbers.

About the analysis of the hybrid format the conclusion is also the same. Hybrid has its drawbacks, in general making it easier for students to not prepare or engage in the course, I feel that hybrid is the future. It is a freedom that is largely expected and learning to manage a hybrid work life seems critical for the future in general.

For next year more concrete ideas and suggestions for how to use and not to use LLMs are likely needed.

Förslag på eventuella förändringar av kursen



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The most important improvements for next year are essentially summarized by the section of weak points above. In addition, there is a list of minor items to change and improve for next year.