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: 2024	Period: P2

Högskolepoäng: 7,5	Antal studenter: 27 (24 aktiva under kursen)	Svarsfrekvens kursvärdering: 25% (31%)
Examinationsgrad/prestationsgrad: Ordinarie inlämning 41% (46%)	Läraktiviteter: Föreläsningar, gästföreläsningar, formativa inlämningar, peer reviews, frågestunder.	

Examinationsmoment fördelade på högskolepoäng:

- 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
Minor updates/tuning in the material and the activities.
Emphasis on iterative working with the course project
One new guest lecturer.
Major update with the offering of a tailormade tool for the course – voluntary to use.
Major update was the encouragement of free and unrestricted use of LLMs.

Sammanfattning av kursdeltagarnas svar på kursvärderingen
Grafer och citat från kursvärderingen kan läggas som bilaga om så önskas

The course now has the following for collecting feedback
- A course survey in Canvas.
- A reflection document
- A course committee. This year only one person signed up though..

Major conclusions this year:

- As usual some students like the format and some don't. This year it seems like there were a larger share of students unhappy than previous years. There was also fewer students finishing on time.
- The course uses Q&A sessions as an important learning session. This year the attendance rate was exceptionally low.
- The reasons for this are unclear to me. No major changes were made and the criticism of the course were not new in nature, mainly boiling down to the open-ended nature of the topic and course design.
- As for the unrestricted use of LLMs – I could not see any major impact of the reports for examination. I did not see a clear raise in overall quality of the best reports and the there were still reports of low and medium quality. The self reported usage of LLMs made sense. Several students reported it as a good co-pilot/and teacher. We will likely do the same next year.
- In relation to the overall worse performance one could speculate about if there students perhaps thought that they could work less as they had LLMs at hand and then procrastinated too long and too much... In the end I do not really think this is the case though..

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
- I personally think that the course is designed in such a way so that it mimics the actual challenge of doing cyber security assessment as a professional. (But this is hard for some students to appreciate it seems.)

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

- Must be even clearer (even though this is emphasized already) on the nature of the course at course start.
- Continue to 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.
- Continue to promote iterative working.
- Increase support for peer collaboration. This was tried this year but was not effective.
- Add material on Return on Security Investment.
- Look over schedule for draft hand ins.

Ansvarig lärares sammanfattande synpunkter

Overall the course design is now stable. Even if this year seem to have a lower performance and appreciation, over several years there is much feedback that the course is good this way. I now think

the development is to build diversity in learning support for different preferences. Maybe next time having more live lectures for instance.

Förslag på eventuella förändringar av kursen

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.