



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: DD2510	Kursnamn: Cybersecurity in a Socio-Technical Context	
Läsår: 2023	Period: P2	
Högskolepoäng: 7,5	Antal studenter: 44	Svarsfrekvens kursvärdering: 16%
Examinationsgrad/prestationsgrad: 90%	Läraktiviteter: Föreläsningar, seminarier, quiz, intervjuer, peer reviews.	
Examinationsmoment fördelade på högskolepoäng: <ul style="list-style-type: none">• UPP1 - Oral and written assignments, 2.0 credits, grading scale: A, B, C, D, E, FX, F• UPP2 - Oral and written assignments, 2.0 credits, grading scale: A, B, C, D, E, FX, F• UPP3 - Oral and written assignments, 2.0 credits, grading scale: A, B, C, D, E, FX, F• UPP4 - Oral and written assignments, 1.5 credits, grading scale: A, B, C, D, E, FX, F		
Undervisande lärare: Ulrik Franke (RISE/KTH), Stanley Greenstein (SU), Liane Colonna (SU), Sally Longworth (SU), Sarah Backman (FHS), Alan Sewell (FHS).		
Examinator: Mathias Ekstedt		
Kursansvarig lärare: Mathias Ekstedt		

Beskrivning av eventuella genomförda förändringar efter tidigare kursanalys

This is the second time the course is given. The course was incrementally updated in several places from last year's student comments. The overall structure, ambition, and course design remains as we think it is good and appreciated.

Sammanfattning av kursdeltagarnas svar på kursvärderingen

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

Overall there were significantly less amount and spread of comments as compared to last year. This seem to suggest that the updates made for this year was effective. There are still a few comments.



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However, there are no new types of comments, so no surprises. This suggest to continue doing incremental changes is a good plan.

Overall we interpret the situation that students are happy with the course, in terms of format with modules run by different and external experts, the topics per se, and course design.

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

From studienämnden we recieved the following summary of positive things:

- Interesting course that provides students with much-needed insights on the non-technical aspects of cybersecurity, which are paramount for any cybersecurity professional to have
- Good solution to covering varied topics in one course, rather than having several
- Inviting in professors from different universities with more focus on each area is positive and exposes students to different realities and insights
- Course final grade is simple and easy to understand; inter-module consistency (all of them have a mandatory part and a distinction part) is good
- Canvas is reasonably well-organized

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

What is still pronounced from last year:

- Feeling of uneven workload.

Modules 1 and 2 feels lighter than modules 3 and 4. First of all our interpretation is that it is not modules 3 and 4 being too heavy. Thus we will consider to extend 1 and 2 somewhat. Exactly how will be analyzed during the coming year. However we do not want to extend them just because so we need to find a good fit for the extensions. Also it is our assessment that changing these modules are not strictly necessary, they are ok also as is.

- Module 3 examination seminars were in exam period taking too much time there and then.

This is essentially a problem relating to yearly course scheduling being out of phase with course analysis. We will move these seminars (if not to 2025 – to 2026..).

In addition:

- An issue that is not explicitly brought up by students but has surfaced as part of the course analysis is that there could be a mismatch where material is in fact covered by lectures but not all students are attending non-mandatory lectures and are then feeling that they missed content. One obvious solution could be to make more lectures mandatory.
- Another comment lingering from last year that we could see implicit traces of this year is that we should try to prepare students better on the fact that this is not a standard type course (and that there is merit in terms of learning in this). We should continue to help them set their minds and expectations right.



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Ansvarig lärares sammanfattande synpunkter

Overall the course has improved, we are on the right track, and improvements will continue incrementally.

Förslag på eventuella förändringar av kursen

See above. In particular consider if we can change module 2 in a good manner.