Fakulteten för hälsa, natur- och teknikvetenskap

Kursanalys

Kursanalysen ska genomföras inom 3 veckor efter avslutad kurs. Lämnas till prefekt eller den som prefekt delegerar till.

OBS! För kurser inom lärarutbildningen och lärarlyftet används speciellt framtagna enkäter. Administreras av lärarutbildningen kansli.

Datum	2015-02-09				
Kurs Datasäkerhet II (Computer Security II)				Hp 7.5	Kurskod DVGC20
Programkurs X Fristående kurs Uppdragsutbildning		Sätt kryss!	Termin i program 7	Kursdatum/läsperiod LP5, 2014	
Antal registrerade på kurs 35		Antal besvarade kursvärderingsenkäter/deltagande vid muntlig kursutvärdering 15			
Hst 4,375	Hpr (efter 1 tentatillfälle) 2,25	Genomströmning (%) 51,4%	Har kursens mål examinerats? Ja		

Förändringar till detta kurstillfälle

Förändringar som planerats och genomförts sedan föregående kurstillfälles kursanalys

The course content was better coordinated with DVGC19 (Data Security I) and new labs were introduced.

Detta kurstillfälle, uppföljning

Studenternas synpunkter och sammanfattning av resultatet från kursvärdering (enkät samt ev muntlig)

The workload required for the course was fair.

Completely agree. Right as expected.	6,7%
I agree. The effort was just about right.	86,7%
I disagree. The effort was much higher than expected	0%

| I disagree. The effort was much less than I expected. | 0% |
| I don't know. I can't really say. | 6,7% |

I had a clear idea of the objectives of the course and what was expected from me.

Completely agree. I was told at the start of the course.	6,7%
I agree. I have a good idea of the objectives of the course and its organization.	40%
I disagree. Sometimes I didn't know where I was heading to.	53,3%
Completely disagree. I had no idea of what I was doing.	0%
I can't really tell.	0%

The course content was relevant and interesting

Completely agree. This course is really necessary.	46,7%
I agree. I understand why it is needed.	53,3%
Neutral. I don't know how this course could help my future.	0%
I disagree. I don't think it is relevant.	0%
I disagree. I don't think it is interesting.	0%

The lectures were at the right level.

Completely agree. The level of detail on each lecture was close to perfect!	0%
I agree. Most lectures were at the right level.	60%
I don't agree or disagree.	40%
I disagree. Most lectures were too difficult to follow.	0%
I disagree. Most lectures were too easy and not challenging at all.	0%

The teachers were good at explaining things!

Completely agree. They were very good at transmitting their knowledge.	26,7%
I agree. They are good teachers.	26,7%
I partially agree. Some were good but some were not.	46,7%
I disagree. Most teachers couldn't really explain the topics.	0%
Completely disagree. Going to lectures was a waste of time.	0%

I like the idea of muddy cards (the cards that you filled in the end of the lecture)!

Completely agree! They offer a good way to get feedback!	40%
I agree. It is a good way to ask questions and get answers.	26,7%
I partially agree but the teachers spent too much time addressing these questions.	20%
I disagree. The teachers mostly ignore our feedback.	6,7%
Completely disagree. It is a waste of time.	6,7%

KAU.SE

The assignments were helpful for understanding the course topic better

Completely agree. They were fundametal!	26,7%
I agree. They helped me.	60%
I disagree. Not really necessary.	13,3%
Completely disagree. They were a waste of time.	0%
I can't really say.	0%

The lab exercises were helpful for training my practical skills in Computer Security.

Completely agree. Hands-on exercises help me to better understand the theory.	20%
I agree. I could learn from doing it.	66,7%
I disagree. It don't think it is helpful.	13,3%
Completely disagree. I didn't learn anything.	0%
I can't really tell.	0%

Overall, I am satisfied with the course.

Completely agree!	20%
I agree.	40%
I don't agree or disagree.	33,3%
I disagree.	6,7%
No. I am not satisfied.	0%

What do you think was the best thing about this course? (all answers are anonymous)

- The labs :P
- The topics of the course(most of them) feels relevant and interesting.
  The labs gave useful experience in how security is working in a practical way. Here you could see the consequences!
- A lot of the topics feels really relevant. I really like the idea of inviting teacher from the industry.
- Assignments were really good even if they sometimes where a pain in the ass.
  Big ups to Leonardo i think you had good lectures and i got the feeling that you like to teach and share information, really good work.
- Interesting lectures and very good teachers
- I enjoyed the labs, however in my opinion there should be more preparation for it in order to understand what we are actually doing. The labs needs also to be graded quicker.
- It was a good course in general. Maybe a little too much content but otherwise fine.
- It had some interesting guest lectures
- Most things were fine
- That we got to know tools that makes atleast me understand both security and communication better. I have read a communication course but I havn't seen the headers in practise before.
- Hands-on experience in the labs, and the guest lectures showing how ideas and methods introduced in the course could be applied professionally.
- The WebGoat labs, interesting (both guest and ordinary) lectures...
- The hacking and intrusion testing part.
  Guest lecture from Pwasp and Toeto were also great.

KAU.SE

What do you think is most in need of improvement? (all answers are anonymous)

- Nothing in my opinion
- The labs needs to be more clear. The instruction papers was ok, but there was alot of times when I felt completely lost. This was because I didnt know how the programs that I was supposed to use in the labs really worked. Also, the lectures didnt give much useful information that could be used in the labs.

  The labs were also very time demanding. We felt more than once that we needed more time to fully understand, and try for ourselfes. Overall that problem is very common in other courses as well.

  The seminariums were good, but it was sometimes very hard to find good answers(or even answers at all), and I was not the only one which felt the pressure of standing in front of the class, not knowing if you had understand the question right or even had the right answer.

  Exams with answers would be highly appreciated, as well as a sort of summary of what you are supposed to know about the different topics. The main reason for this is not to get everything for free and to study less, but to be more efficient! If you have 10-15 slides that reach 50-80 pages each and dont have any guidelines of "this is what you should take with you on this lecture", its very hard to study for exam later.

  Guest lectures were good! But think about that not all of them have the same training in teaching that you may which they had. It became very difficult and hard to follow sometimes, probably because the educator felt that if he/she understood, then we should to, which feels like a common mistake.
- The content of the external teachers lectures could have been more adapted to the level of the students.
- They guy talking about <*topic of the course*> was awful and i did not get out anything at all from it 0/10. The part for wireless network was to fast/short. Would been nice with more of that.
  The part with software security (overflows) was a bit shallow. Deeper explanations would have been great.
- Probably the structure of the first two labs.
- The assignments themselves are not bad but judging by the 2 presentations i been to, that needs to change as its a terrible use of 2 hours. Labs need to be graded so in case they do not pass, you have a chance to fix them during the course. THe guestlectures should not be included in the exam as most of the information produced in these lectures could be percieved as interesting but the actual teaching and learning was lacking in these lectures.
- The course material: the book is not that good. Furthermore, it does not cover nearly enough of the course. You will either have to:
  1.Get a better book.
  2.Suggest additional books.
  3.Provide papers and such to fill in gaps.
- Well, I'm concerned about the labs not being corrected until the end of the course. :/
  Also, the exams weren't up to date in the archive, the most recent was from 2 years ago.
  Maybe correct some past exams and put them on itslearning.
- You shouldn't examine the guest lectures, because what they said didn't get through enough. They are interesting, but you dont learn so much from them.
- Quicker feedback on laborations, course is over but does still no know the result of the labs. It's better to know during the course if a lab needs completion/correction than after the course and new courses have   started.
  Old exams might need a facit/answers to help with studies, currently there is none.
- Maybe a CRASHlecture before holiday or right after. About everything in the course.
- The exam covers very wide portfolio of issues and it's very hard to talk about all of them in lectures (at least enough). Maybe it could be mentioned in each lecture what should be studied at home to learn about another issues?
- <*name of lecturer*> part. Had troubles understanding the issues and how to solve them.

KAU.SE

Den kursansvarige lärarens egna synpunkter och kommentarer på kursvärderingen
The muddy cards were used not as often as in the last course (in most, but not every lecture). The positive response to them increased significantly but more test data is needed to draw conclusions. The new labs proved mostly popular but students wanted a quick feedback on their lab reports. The course book is indeed not ideal. Guest lectures also proved popular and were a nice addition to the course program.

Förslag till förändringar inför nästa kurstillfälle och förväntad effekt

Continuing to improve the coordination between Data Security I and II. Emphasize the security roadmap at the beginning of the course to show the students the links between the course topics to demonstrate the course structure and invite additional guest lecturers.	
Kursansvarig lärare, underskrift	Namnförtydligande Leonardo Martucci
Student har beretts möjlighet att delta / har deltagit, student/ lärares underskrift	Namnförtydligande
Examinator har deltagit/taget del av, underskrift	Namnförtydligande

KAU.SE