

Rapport

Course Survey TTM4135 Applied Cryptography and Network Security

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📌 To which degree did you attend the course?

Antall svar: 26

Svar	Antall	% av svar	Diagram
0 %	2	7.7%	7.7%
20 %	1	3.8%	3.8%
40 %	4	15.4%	15.4%
60 %	4	15.4%	15.4%
80 %	9	34.6%	34.6%
100 %	6	23.1%	23.1%

☰ Transferable Skills

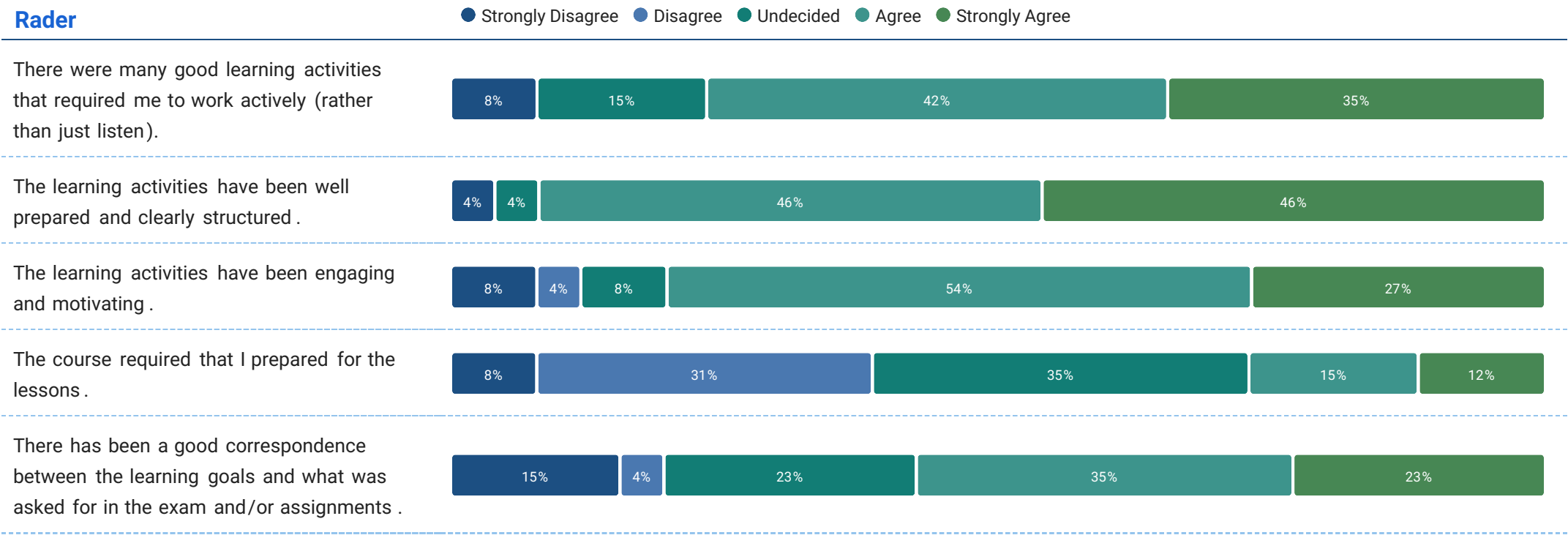
Antall svar: 26

Rader	Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree
The course has developed my skills in problem solving.	8%	8%	12%	62%	12%
The course has developed my ability to work in teams.	12%	39%	50%		
A good memory is really all you need to complete this course.	27%	50%	4%	8%	12%

Rader	Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree
The course has developed my skills in problem solving.	2	2	3	16	3
The course has developed my ability to work in teams.	3	0	10	13	0
A good memory is really all you need to complete this course.	7	13	1	2	3

Learning Activities

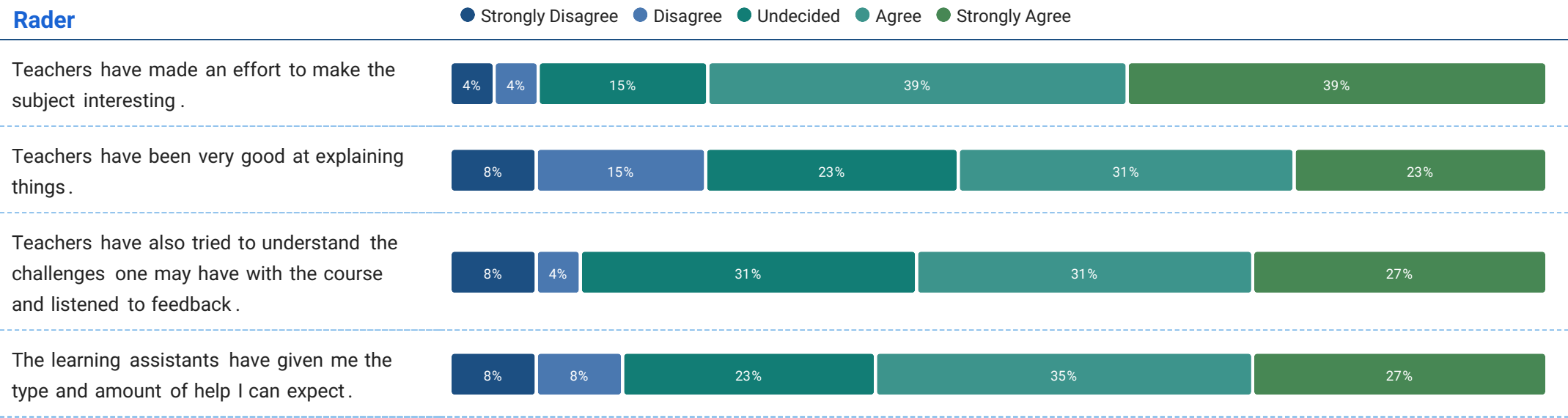
Antall svar: 26



Rader	Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree
There were many good learning activities that required me to work actively (rather than just listen).	2	0	4	11	9
The learning activities have been well prepared and clearly structured .	1	0	1	12	12
The learning activities have been engaging and motivating .	2	1	2	14	7
The course required that I prepared for the lessons .	2	8	9	4	3
There has been a good correspondence between the learning goals and what was asked for in the exam and/or assignments .	4	1	6	9	6

Teachers

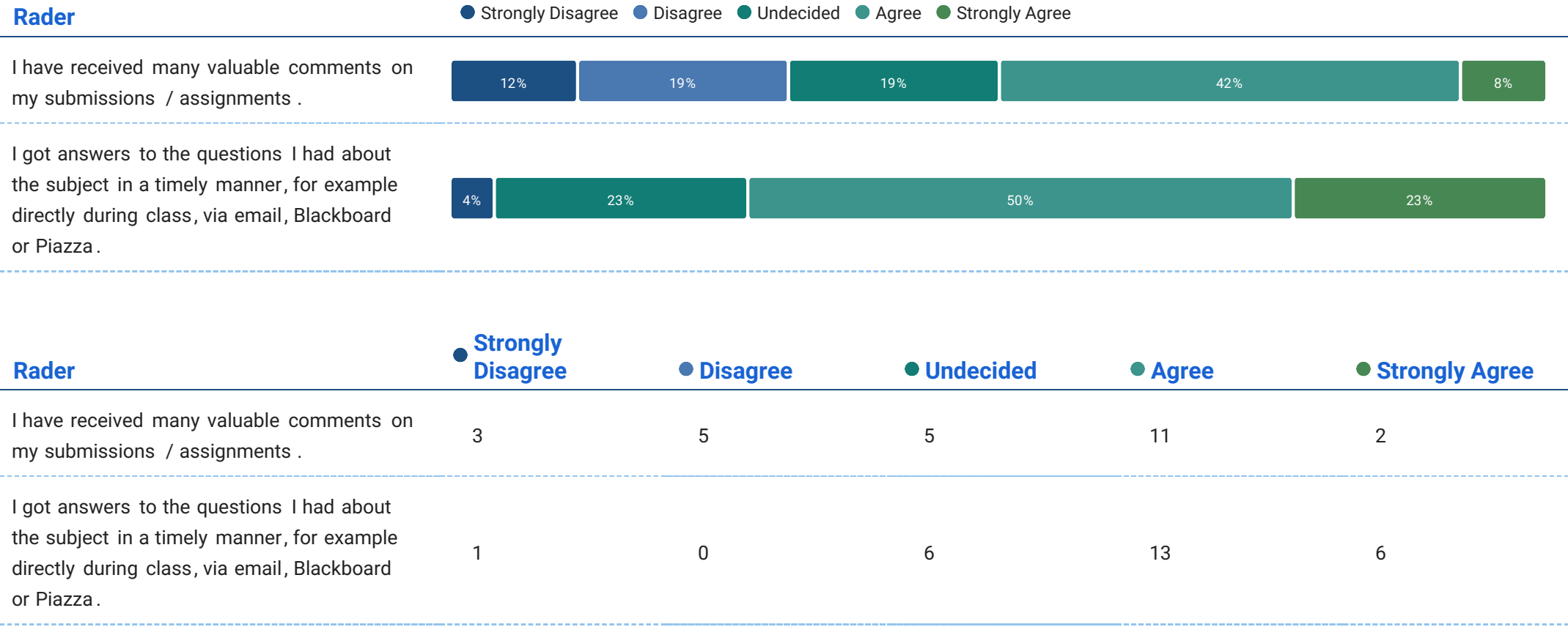
Antall svar: 26



Rader	Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree
Teachers have made an effort to make the subject interesting .	1	1	4	10	10
Teachers have been very good at explaining things .	2	4	6	8	6
Teachers have also tried to understand the challenges one may have with the course and listened to feedback .	2	1	8	8	7
The learning assistants have given me the type and amount of help I can expect .	2	2	6	9	7

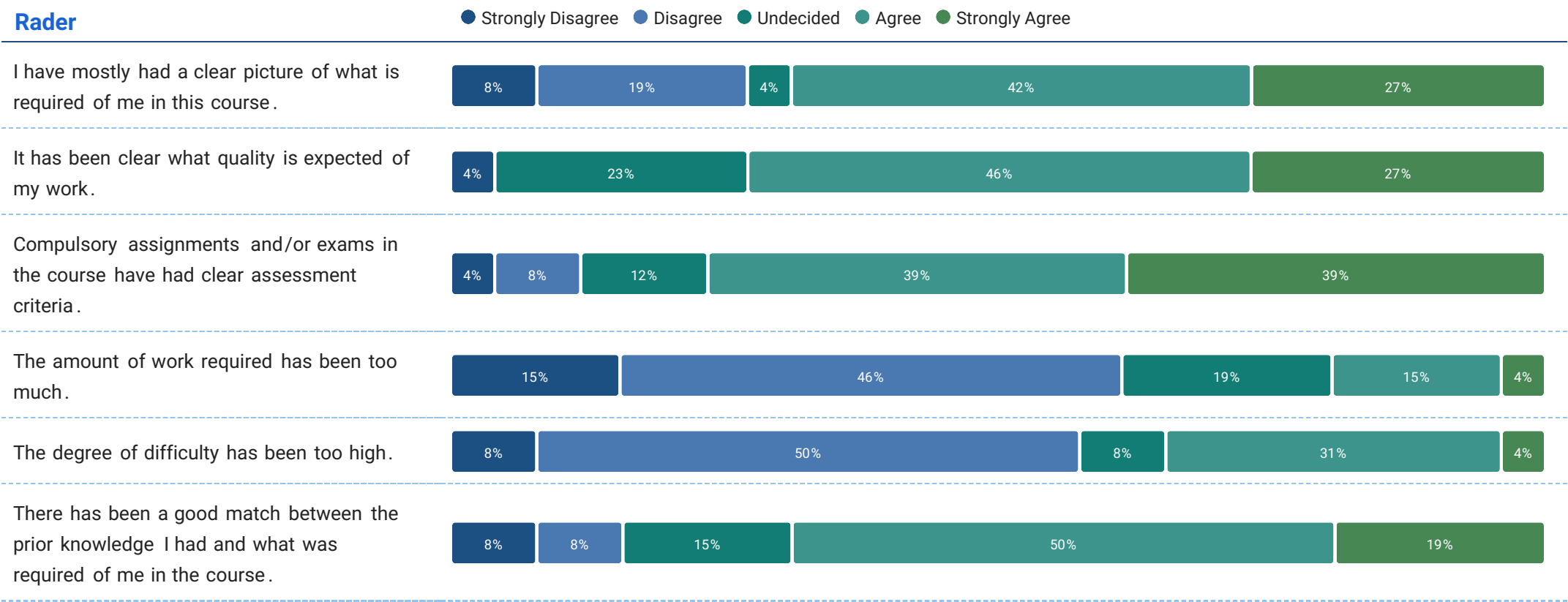
Feedback

Antall svar: 26



Requirements and Expectations

Antall svar: 26

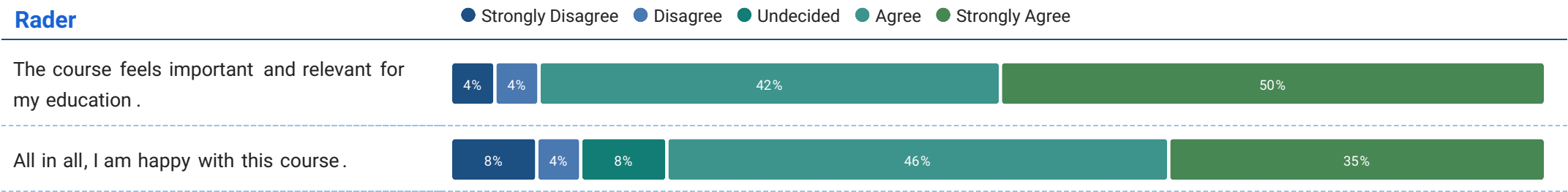


Rader	Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree
I have mostly had a clear picture of what is required of me in this course.	2	5	1	11	7
It has been clear what quality is expected of my work.	1	0	6	12	7
Compulsory assignments and/or exams in the course have had clear assessment criteria.	1	2	3	10	10
The amount of work required has been too much.	4	12	5	4	1
The degree of difficulty has been too high.	2	13	2	8	1
There has been a good match between the prior knowledge I had and what was required of me in the course.	2	2	4	13	5

Overall Evaluation

Spørsmål uten tekst

Antall svar: 26



Rader	Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree
The course feels important and relevant for my education .	1	1	0	11	13
All in all, I am happy with this course .	2	1	2	12	9

What do you think was the best thing about this course?

Antall svar: 15

- Svar
- Presentation slides were well structured and was easily consumable even if one did not attend the lecture.
- The teaching staff was very good at listening to feedback and adapting the course to fit the students' needs. The lecturer was very good at explaining and teaching us the curriculum.
- The practical assignment gave me a good introduction and understanding of the earlier topics.
- I like how everything from schedule to how grading was done was clear from the start. Very interesting course!
- The lab was super interesting and the teacher tried his best to make the course good for us and wanted our feedback to make the course better.
- The practical was really fun, and great teacher.
- The practical assignment, quizzes and lab contribute to a good portion of the grade and help stay on track with the learning.
- The first exercise was very motivating for the rest of the course.
- All the themes were very interesting and i wanted to learn more.
- I liked the practical assignment, it was very fun and i learned a lot.
- Good exercises
- It was very well structured and this helped schedule all the activities required for finishing the assignments on time.
- Practical and Lab
- Tjerand had a great way of making the course interesting, the lab was especially fun to do. Having to recollect knowledge from previous courses was also very motivating, as you feel the ability to tie things together.
- Det beste med kurset var hvordan mappeoppgavene var strukturert. De gjorde det lettere å forstå hvordan teorien brukes i praksis, og ga meg et godt læringsutbytte gjennom hele kurset.
- The labs as well as doing the worksheets for each week helped a lot in understanding the material

What do you think needs to be improved?

Antall svar: 13

Svar

The lectures should be recorded

The exercise lectures have been a bit messy, and it has been hard to keep track of which task we are working on.

I also liked the first practical assignment, and think that the quizzes could be switched out with practical assignments to get a better understanding. The quizzes didn't give me that much as the practical assignment and the lab work did.

For me personally, i want to see more practical stuff in the lectures. Only theory in the lectures are not a good way for me to learn. So i did not learn so much in the lectures. I want more examples and practical stuff in the lectures.

The small RATs you take on blackboard can be removed. Didnt add much since everyone got 100% each time.

The TA is often unclear and confused in his explanations of the exercises, and when asked to revise specific exercises or topics, doesn't do it.

Make the lectures more interactive perhaps if possible.

I do not like the lab, i thought it was too advanced and long.

Spend some more time on the basic math, like what a generator is, it felt like it was expected that we had more knowledge about these topics than we actually had

More Post-Quantum Security principles or formulas, like LWE or SiS, in Lab.
Exam should be moved from purely written to digital exam with scanning, was a pain to write concise or well structured explanations with little space vs. using a keyboard to write those discussions. Also, allows for changing the multiple choice questions without fear + scanning for any writing that is handier to write by hand, like math equations or such like.

The difficulty of the exam took a huge leap, comparing to previous years. I'm not going to complain that an exam was too difficult, but the gap could have been bridged better.

Det som kan forbedres, er måten formlene blir gjennomgått på. Ofte blir formlene bare presentert muntlig og i PowerPoint-presentasjonene, uten at det vises tydelig hvordan de skal brukes i praksis. Flere konkrete eksempler og trinnvise utregninger ville gjort det lettere å forstå stoffet. Eksamen kunne også vært bedre strukturert, spesielt langsvarsoppgavene. Det bør være tydeligere hvilke delspørsmål, figurer og opplysninger som hører sammen, slik at man slipper å bruke unødvendig tid på å lete etter sammenhengen mellom dem.

The worksheet sessions were not very good, it was difficult to follow the explanations and they seemed ill prepared in advance. I also wish that there were more practical examples during the lessons, not just mathematical explanations and "proofs"

A heads up that the exam difficulty would increase so much would have been nice.