Sammanställning av Course evaluation for Kombinatorisk optimering med villkorsprogrammering (1DL441)

Sammanställd	
Antal svar	4 av 21 (svarsfrekvens 19 %)
Tillgänglig	2022-01-01 – 2022-01-23
Kontaktperson	Itkansli,YS (it-kansli@it.uu.se), verksam vid Institutionen för informationsteknologi
Kurs	Kombinatorisk optimering med villkorsprogrammering (1DL441)

1. Overall, I am satisfied with this course. Description: Here you are asked how well you think the course worked in relation to everything from teacher, content, forms of instruction, and examination to scheduling. Please comment on your answer. *(Medel = 4,8, SD = 0,4)* *(1 = Disagree completely, 5 = Agree completely)*

Disagree completely	Agree to a low extent	Agree partly	Agree to a high extent	Agree completely	Do not know/not relevant/...[1]
0	0	0	1	3	0
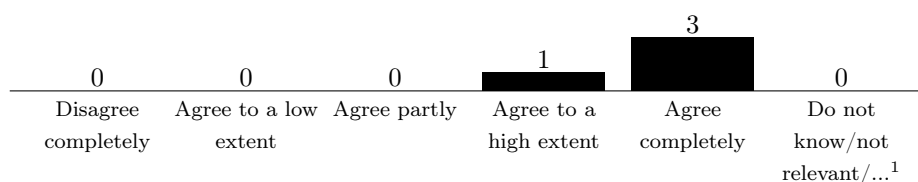
[1] Do not know/not relevant/do not wish to answer

COMMENTS:

- Excellent course, would recommend it to anyone who finds the topic interesting. [5]
- Organisation has worked well. Enthusiastic and pedagogic teacher. Interesting material. Overall very fun! [5]

2. How would you rate the course's degree of difficulty? Description: Here, you are asked how difficult you think the course was, e.g. taking requirements and level into consideration. Please comment on your answer.
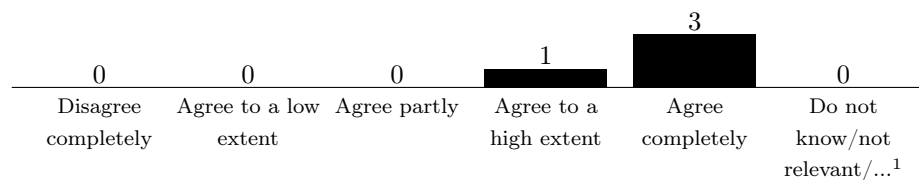

Far too easy	Slightly too easy	Just right	Slightly too hard	Far too hard
0	0	4	0	0
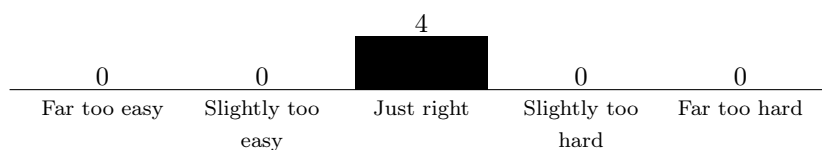
COMMENTS:

- This course is more demanding than most, both in terms of the amount of time and "mental effort".
- It was a hard course and I spent many hours on it, but it is a CS-master's level course so it is supposed to be hard.

3. How did you perceive the course's workload in relation to its size (number of credits)? Description: Here, you are asked how you perceived the workload, i.e. how much total time you invested in relation to full-time. Example: a course worth 5 credits during a period of 10 weeks corresponds to 1/3 of full-time. Please comment on your answer.

```
              2          2
    0    0   ███        ███        0
1 Far too little  2     3     4   5 Far too much
```
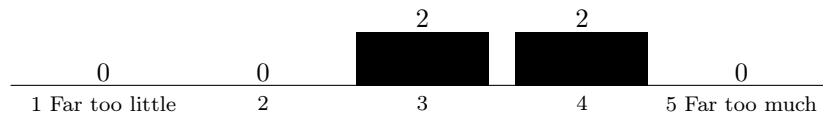
COMMENTS:

- The workload was high and I spent many hours on it but I expected that. The workload is doable and making the course easier would remove useful material from the course

4. I took a great deal of responsibility for my own learning during the course. Description: Here, we want to know to what extent you took responsibility for your own learning, or if you e.g. relied more on the efforts of others. Please comment on your answer. *(Medel = 4,8, SD = 0,4) (1 = Disagree completely, 5 = Agree completely)*

```
                                   1     3
    0         0         0         ███   ███        0
Disagree  Agree to a low  Agree partly  Agree to a  Agree      Do not
completely  extent                    high extent  completely  know/not
                                                               relevant/...[1]
```
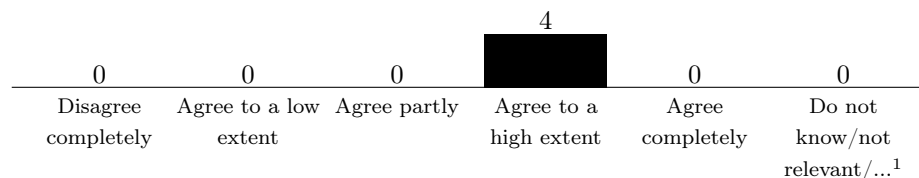_____
[1] Do not know/not relevant/do not wish to answer
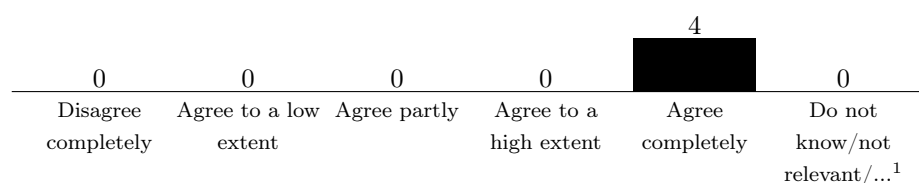
COMMENTS:
Inga kommentarer givna

5. I contributed to other students' learning during the course. Description: Here, we want to know to what extent you took responsibility for the learning of others. Have you, for example, taken an active role when studying with others, doing lab work with others, etc.? Please comment on your answer. *(Medel = 4,0, SD = 0,0) (1 = Disagree completely, 5 = Agree completely)*

```
                                   4
    0         0         0         ███        0         0
Disagree  Agree to a low  Agree partly  Agree to a  Agree      Do not
completely  extent                    high extent  completely  know/not
                                                               relevant/...[1]
```
_____
[1] Do not know/not relevant/do not wish to answer

COMMENTS:

- I agree in that in cooperating with others we have learned a lot from each other. [4]

6. I feel that students were treated well in the course (e.g. as regards equal treatment or programme affiliation) and that no one was put at a disadvantage by the organisation, content or performance of the teaching. Equal treatment includes e.g. gender, transgender identity or expression, ethnicity, religion or other belief, disability, sexual orientation or age. Please comment. *(Medel = 5,0, SD = 0,0) (1 = Disagree completely, 5 = Agree completely)*

```
                                             4
    0         0         0         0         ███        0
Disagree  Agree to a low  Agree partly  Agree to a  Agree      Do not
completely  extent                    high extent  completely  know/not
                                                               relevant/...[1]
```
_____
[1] Do not know/not relevant/do not wish to answer

Comments:

- Not entirely related, and overall this did not really impact the course in any way. However, when the guest lecturer came to visit some small conversation was held between the regular lecturer and the guest lecturer where the former sort of joked about the students in a slightly demeaning way. This happened in front of the class, however the conversation was held in French. I can't say I minded too much, and what they said probably had some merit, but it would be more professional to say such things in private. It made me feel a little uneasy. Then again, it probably wasn't meant for us to understand since it was said in French. [5]

7. What do you think was the best thing about this course? Description: Here, you can highlight efforts, characteristics or parts of the course you thought were good.

- Both the main lecturer and the main TA were excellent. It felt like the mid-course evaluations actually made an impact. The slides were very thorough. The assignments were very challenging yet interesting. I really appreciated the frequent examples used to explain the constraints etc. Great course!

- It's hard to pick out a single thing, but the teacher's enthusiasm made everything else better.

- I really like the course structure of lectures, project and assignments. The part with minicp was quite nice.

- The team behind the course really put a lot of effort into it. The lectures were great, the assignments well thought through and the help offered at the labs was good. I definetly get the feeling that the teachers care a great deal about their subject.
  I liked that we assignments rather than exams, that we got to code a lot and that we got a good look under the hood of a solver.

8. Please provide constructive suggestions for course development. Description: With your help, the course can be made better, and something that is already good can be made even more prominent/effective.

- As the second part of the course was run for the first time this year, it is understandable that the material might not be entirely in order. However, hopefully next time around the tasks for assignment 4 - 6 will be adjusted according to students' and TAs' feedback to be more comprehensible. However, this reaction might also stem from the first part of the course being close to perfect, thus setting higher expectations for the second half.

- 1. Tests in the latter half of the course could be more extensive. It's a lot of work as it is to implement the code and there are a lot of chances for subtle bugs. 2. The lectures and the assignments could be synced better. Sometimes the assignment relies on material that was introduced weeks before so it can be harder to remember.

- This may be out of your control or be to difficult to regulate. The last couple of days before deadlines the Linux hosts would usually completely freeze with a really high CPU and memory usage coming from all the groups tests running at the same time.
  The lectures could be a bit more spread out in the schedule. It still is nice to have them quite rapid in the beginning but maybe spread them out a bit more to have them a bit closer to when you are going to apply that knowledge in some type of assignment.

- The report writing took more time than the programming. The time that it took to write the report was excessive. More small assignments and coding challenges in minizinc would be fun, the warmup for example could be a lot bigger an have coding challenges that we can work on for a longer time without having them graded.
  There was a bit of a shock going from minizinc to handling a large Java project. I felt fairly lost in the beginning and didn't understand assignment 4.