Sammanställning av Combinatorial Optimisation and Constraint Programming 1DL442 11009 HT2023 (1DL442 11009)

Sammanställd	2024-01-24
Antal svar	6 av 19 (svarsfrekvens 32 %)
Tillgänglig	2024-01-02 – 2024-01-23
Kontaktperson	Malin Madsen (malin.madsen@it.uu.se), verksam vid IT-kansliet/Student Office
Status	Avslutad
Namn	Combinatorial Optimisation and Constraint Programming 1DL442 11009 HT2023 (1DL442 11009)

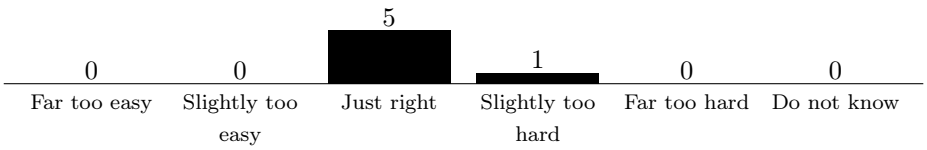
Information about Swedish translation / Information på svenska om frågorna

Om du behöver hjälp med översättning av dessa frågor till Svenska kan du klicka här.

Start of questions

Your viewpoints are valuable, and both positive comments and constructive and objective criticisms are welcome. Your criticism should be objective, constructive and always take into consideration individuals' integrity.

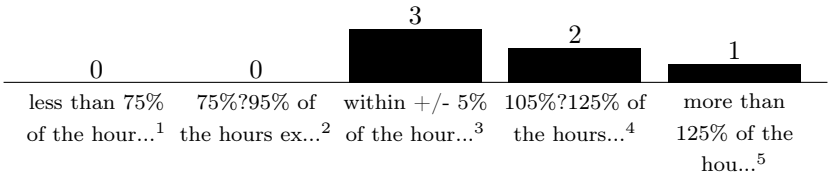
1. How would you rate the course's degree of difficulty? (Description: Here, you are asked how difficult you think the course was, taking its requirements and level into consideration. Feel free to comment on your answer.) *(Medel = 3,2, SD = 0,4) (1 = Far too easy, 5 = Far too hard)*



   Comments:

   - I choose 'Just right.' I think people who are not familiar with Java programming, like myself, or people who are not good at mathematics might face some challenges. However, the course thoughtfully provides help to aid us, such as the warmup or help sessions. While the lack of prior knowledge can make the course seem daunting at first, upon completion, I found that it wasn't as difficult as I initially thought. [3]
   - It would be easy to pass with 3. However, if you want a 5, it is extremely hard. You have to put much effort to finish the assignments. [4]

2. 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. Baseline: a 5-credit course given in a period of 10 weeks is expected to correspond to 1/3 of full-time, or 13.3 hours per week. Feel free to comment on your answer.)

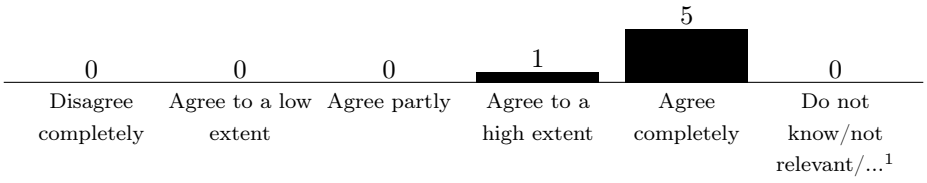


[1] less than 75% of the hours expected
[2] 75%?95% of the hours expected
[3] within +/- 5% of the hours expected
[4] 105%?125% of the hours expected
[5] more than 125% of the hours expected

Comments:

- Learning Java took me some time.
- Because I aimed for 5, I put much effort on the assignments.
- The workload for the second part is greater

3. 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. Feel free to comment on your answer.) *(Medel = 4,8, SD = 0,4) (1 = Disagree completely, 5 = Agree completely)*

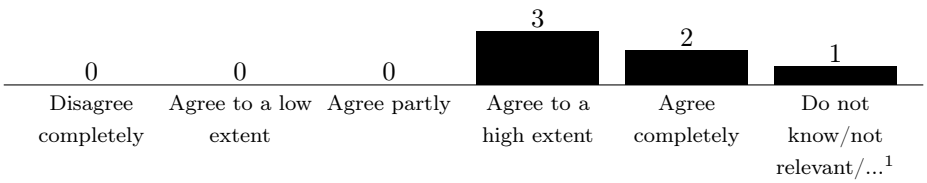


[1] Do not know/not relevant/do not wish to answer

Comments:

- I mostly figured out all details by myself. [5]

4. 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.? Feel free to comment on your answer.) *(Medel = 4,4, SD = 0,5) (1 = Disagree completely, 5 = Agree completely)*

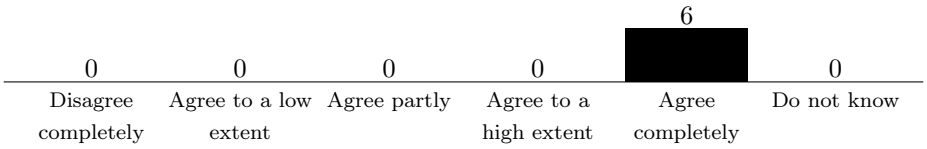


[1] Do not know/not relevant/do not wish to answer

Comments:

- During the teamwork, we discussed a lot on the assignments and learned a lot from each other. [4]

5. I feel that the treatment of students in the course has been good (e.g. regarding equal treatment or program affiliation) and that no one has been disadvantaged by the organization, content or execution of the teaching. (Note: If you feel that you have experienced or witnessed harassment or sexual harassment, please fill in the form at https://doit.medfarm.uu.se/bin/kurt3/kurt/26
You can do so anonymously. For more information see https://www.it.uu.se/about_us/harassment_information
(Medel = 5,0, SD = 0,0) (1 = Disagree completely, 5 = Agree completely)



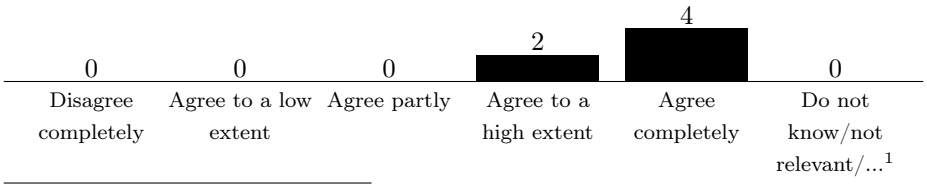
Comments:
Inga kommentarer givna

6. What do you think were the best thing(s) about this course? (Description: Here, you can highlight efforts, characteristics or parts of the course you thought were good.)
   - All the assignments were both fun and educational. Mostly because it involved alot of practical coding and not just theoretical work. I think that it is good to have large assignments instead of an exam.
   - I think the teacher of this course is one of the best at Uppsala University. He's got a great mix of knowledge, responsibility, and kindness, plus he knows how to teach. If it were possible, I'd take all the classes he teaches. The TAs are also very helpful. The knowledge imparted in this course is useful, but I haven?t found many places to learn it, making this course particularly valuable.
   - [The teacher's] lectures.
   - The quality of the course itself is great. The head teacher is diligent, prudent, responsible and smart. Very accurate about each concept. The content is fun and requires some intellectual efforts.

7. 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.) *(Antal obesvarade = 1)*
   - I would prefer the lectures to be delivered at a faster pace
   - Some content on INGInious needs updating, and certain hints are somewhat misleading. It'd be beneficial if some test files were reviewed and improved.
   - While the usage of Java in MiniCP is understandable since it is a tool for learning about solvers, a lot of time felt wasted trying to circumvent/accomplish basic tasks in Java. A solver in e.g. C++ may not have these features.
   - Please do and test the assignments yourself before release them to students and have a good understanding of how much effort it will cost (For example, prepare the assignment and give it to other people in the teaching group to try it first). Try to provide a reasonable thinking path (at least milestones or key results) for each assignment question and don't fall into the trap of curse of knowledge. Help the student to spot their knowledge blind spots and give accurate feedback because a lack of priori knowledge will make things extremely hard. (You may need "Solution Architecture" to deal with "customer needs", because they are good at spotting weakness and giving accurate suggestions.) The test cases in the online judge platform are not well designed, because they should have been used to block solutions with different optimisation levels.

- The codebase for minicp is not so well written, there are a lot of confusing variable names and some instructions felt misleading

8. 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. Feel free to comment on your answer.) *(Medel = 4,7, SD = 0,5) (1 = Disagree completely, 5 = Agree completely)*



[1] Do not know/not relevant/do not wish to answer

Comments:

- The course material, teaching style, head teacher are of great quality, although it's too hard to get all 5 in all assignments. The help session can be improved to provide more accurate feedback and help students fill their knowledge and information gap. [4]
- I'd give the minizinc part 5 and minicp 3 [4]