Combinatorial Optimisation using Constraint Programming, 10.0 c

Course code: 1DL441, Report code: 11012, 33%, DAG, NML
week: 36 - 03 Semester: Autumn 2019 (2019-09-02 - 2020-01-19)

Result

This evaluation is answered by 70% (21/30) of the respondents.

Below are statistics on single- and multiple-choice answers and freeform text. Additionally, the summaries for freeform text responses that students will see are also shown.

1: Overall, how satisfied are you with the course?

Answers: 21

Answer options:

Median: 5 Mean: 4.7 / 5

0. Do not know/not relevant/do not wish to answer	0 responses	0%
1. Not at all	0 responses	0%
2.	0 responses	0%
3.	1 responses	5%
4.	5 responses	24%
5. Extremely	15 responses	71%

2: Is the course relevant to your education?

Answers: 21

Answer options:

Median: 5 Mean: 4.4 / 5

0. Do not know/not relevant/do not wish to answer	0 responses	0%
1. Not at all	0 responses	0%
2.	1 responses	5%
3.	1 responses	5%
4.	8 responses	38%
5. To a very high extent	11 responses	52%

3: To what extent have you made the effort to benefit from the course content?

Answers: 21

Answer options:

Median: 5 Mean: 4.5 / 5

0. Do not know/not relevant/do not wish to answer	0 responses	0%
1. Not at all	0 responses	0%
2.	0 responses	0%
3.	2 responses	10%
4.	6 responses	29%
5. To a very high extent	13 responses	62%

4: What has been your main source of information during the course? Course literature, Wikipedia, YouTube, lectures, some other literature, ... ?

Answers: 17

Going to lectures and help sessions provided me with the most information, but the documentation for both minizinc and gecode were quite good when working on assignments.
Lectures, slides, help sessions
Lecture notes and the Minizinc + Gecode documentation
lectures
slides, MPG and minizinc documetation
Course Literature
Lecture, textbook and Wikipedia.
Lectures, Minizinc Handbook and MPG
Lectures, additional literature, and help sessions
Course literature
Lectures, Slides, MPG, MiniZinc docs
Optional book on constraint programming, documentation, lecture notes and MPG.pdf a.k.a "The Bible"
Course literature and API references
Course literature
Lectures
Lectures and the teaching assistants.
Föreläsningar och slider

5: This has been especially good about the course:	Answers: 16

The course follows a clear structure, and the lecture slides are well made. The teacher is willing to make changes according to the comments students make during the lectures, which is much appreciated.
Learning theory and applying it in practice in order to solve real-life problems.
It has been challenging, but at the same time very rewarding. I have learned that things can be done superfast, even though the questions at hand is very difficult and should not be solved that fast intuitively.
Slides are well-organised.
very good lecture style, good explanations and usefull aisgnments
Experiments and presentations.
Lectures and assignments was very well done. The content was also very interesting.
The quality of assignments and how they relate to the theory.
Pierre is an excellent teacher. The course and assignments are designed very challenging and interesting. Gustav is very helpful as a TA, always giving useful advice.
Good lectures, interesting assignments, especially the first half of the course.
The lack of ambiguities in its structure and contents. Also the scope of the course is appropriate.
Modelling/Coding
Professor Pierre's lectures and the course contents were good. All the teaching assistants especially Gustav was really helpful and affable with the assignments
Enthausiam by the teacher
Interesting, made it clear that this is an important area of research.
Komeptenta lärare, föreläsningar som bygger på varandra och väl kalibrerade labbae

6: This could be improved in the course: (Make your suggestions as constructive as possible)	Answers: 11

Maybe find a way to add the name of the topic somewhere on the slides, for even more clarity (but it is not really necessary as the teacher clearly defines the topics he talks about)
The Minizinc-part of the course is better than the Gecode-part. I am not entirely sure why, but I think it has to do with that in Minizinc the documentation is very good and it is possible to get a better understanding in what we are writing in code. Gecode is much more difficult, and some things we write just because we read it somewhere but the understanding is harder. I can't see the improvements in Gecode as I could in Minizinc.
It would be better to introduce more directly and clearly example about tool-chain. Because the hardest part is understand the tool such as minizinc and gecode.
Maybe the assignments could work a little bit better together (e.g. do the whole square packing first in minizinc, then in the fitst assignment in gecode, and then the upcoming ones and also comapare these results with each other since it would be very interesting as well)
Lecture PPTs.
TAs for the second part seem not familiar with the assignments and thereby not very helpful. In this case, we need to spend much more time on those assignments.
Maybe it is possible to update the assignments for the second half of the course? Implementing the custom propagator and the custom brancher served as a good tutorial/howto, but it felt like the performance pay-off (at least for us) did not really warrant custom implementations. Ideally, the assignments would serve both as howtos and motivating examples for why you'd want to implement custom propagators/ branchers.
Advertise ASTRA more
Second attempt for assignments
I feel like I spent a lot (!) of time on the first half of the course, and not as much on the second half.
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Summary of free-text responses/comments for the whole course evaluation