# Combinatorial Optimisation using Constraint Programming, 10.0 c

Course code: 1DL441, Report code: 11012, 33%, DAG, NML, week: 36 - 03 Semester: Autumn 2018

## Result

This evaluation is answered by 55% (11/20) 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.

Answer options:			Median: 5 Mean:
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.	0 responses	0%	
4.	3 responses	27%	
5. Extremely	8 responses	73%	

Answer options:			Media	n: 5 Mean: 4.5
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	18%		
4.	1 responses	9%		
5. To a very high extent	8 responses	73%		

3: To what extent have you made the e	ffort to bene	efit fro	om the course content? Answers: 11
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.	0 responses	0%	
4.	5 responses	45%	
5. To a very high extent	6 responses	55%	

4: Should more lecture time have been spent on some topic of the course? If yes, then please comment on which topic and why.

Answers: 11

Answer options:



The final lecture in part 2 of the course was an excellent overview of local-search. Plenty of extra-material along with the slides was provided even if not presented (e.g. MIP solving in MiniZinc).

Current research state/topics.

5: Should less lecture time have been spent on some topic of the course? If yes, then please comment on which topic and why.

Answers: 11

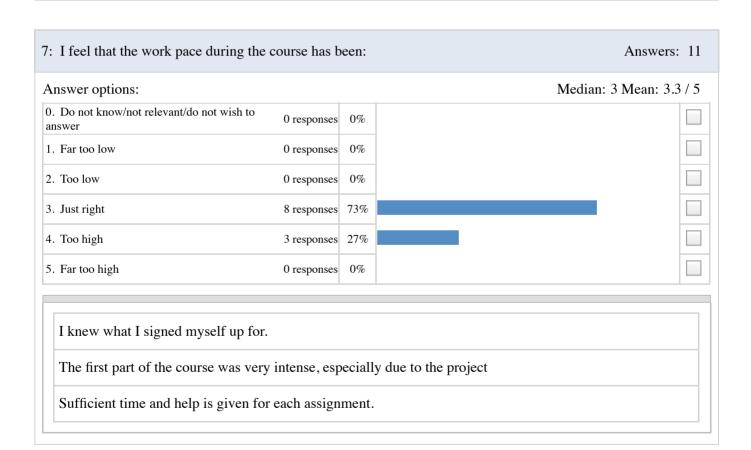
Answer options:

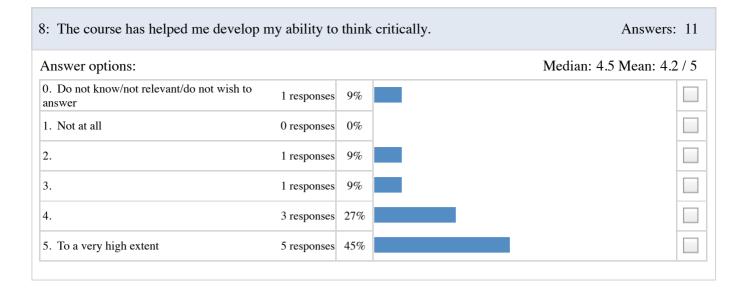
0. Do not know/not relevant/do not wish to answer	1 responses	9%	
1. Yes	0 responses	0%	
2. No	10 responses	91%	

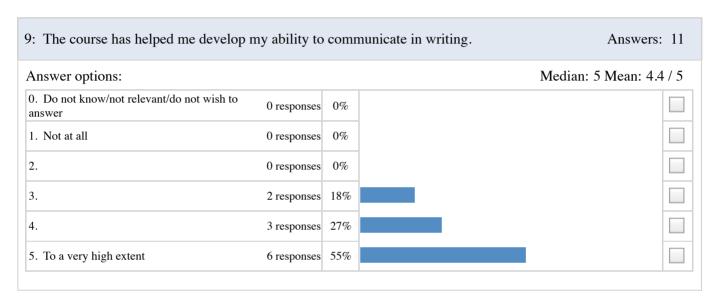
6: What has been your main source of information during the course? Course literature, Wikipedia, YouTube, lectures, some other literature, ...?

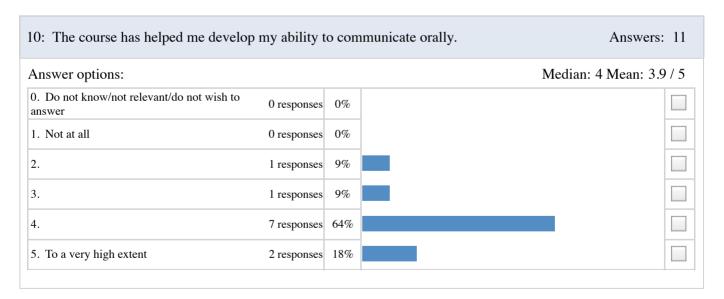
Answers: 10

Help sessions, c	ourse material, lectures in that order.
Gecode Docum	entation, Lecture Slides
Slides and MPC	
course literature	, Coursera
Lectures and co	urse literature.
course homepag	e and MPG
Literature	
In the first part	of the course the MiniZinc documentation. In the second part, the MPG guide.
The lectures, the	e MPG book, the slides.
Slides and Lect	ıres

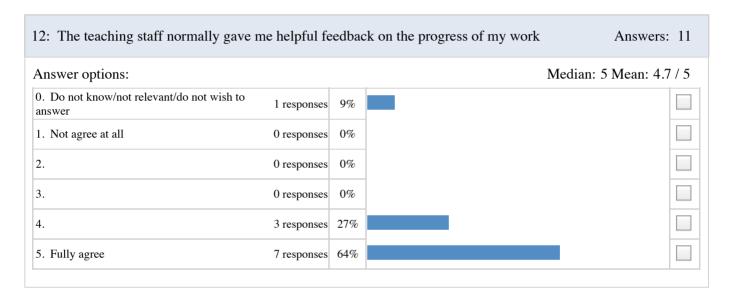


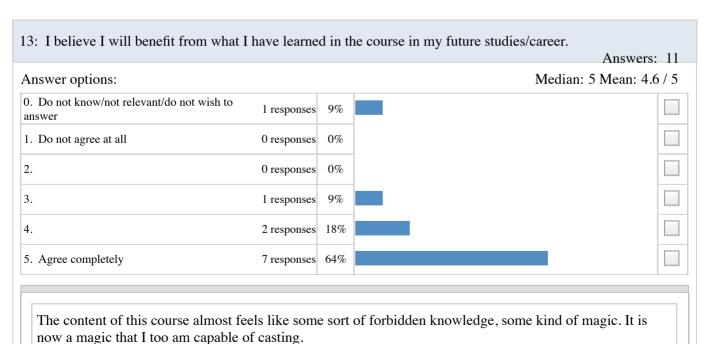






#### 11: We students were given ample opportunity to be be active during the various elements of the course. Answers: 11 Answer options: Median: 4.5 Mean: 4.4 / 5 0. Do not know/not relevant/do not wish to 1 responses 9% answer 1. Do not agree at all 0 responses 0% 2. 0 responses 0% 3. 1 responses 4. 4 responses 36% 5. Agree completely 5 responses 45% Lectures are amicable and great conversations and clarifications emerge from questions in classes.





#### 14: This has been especially good about the course:

The project gave us a chance to apply our knowledge.

All the help we got from the teaching assistants, the assignments

The teaching was excellent

The slides and the assignments

Lectures

Help sessions are always helpful, solution sessions are always interesting even if a top mark on the assignment was achieved. This is the only course I have taken here where the professor knew everyone's names, I cannot understate how refreshing that is.

Great organization, structure, the teacher was passionate about the subject matter, the assignments were of high quality.

The lectures and teachings

### 15: This could be improved in the course: (Make your suggestions as constructive as possible.)

Answers: 4

The lectures sometimes didn't relate to the assignment (regarding to the time they were taught and the content)

Slides. More descriptive

For the programs in the second part of the course some expected capability would be helpful to know. Not necessarily as an expected grade as in the first half of the course but merely a line something like "you should be able to at least get optimal values of s where n=20".

Gecode is quite difficult, even the TA's were having difficulties with answering some questions about it. I hadn't used C++ before earlier. It definitely felt like working with an industry-grade tool, which is great but there's definitely a steep learning curve. I wouldn't suggest changing to a different solving tech, but some more support in that department might lighten the load a little:)

#### 16: Other comments:

Answers: 2

The effort which is put into lectures—and the course overall—is evident from its structure. Pierre is a true master teacher and easily the greatest one I've had here at Uppsala.

Great course:)

Answers: 8

Summary of free-text responses/comments for the whole course evaluation							