Georgia Institute of Technology

Fall 2022, ISYE 8813 Special Topics in OR: Constraint Programming Section Q
Instructor: Van Hentenryck, Pascal (Primary)

Georgia Tech

There were: 5 possible respondents.

	Question Text	N	RR	Interpol. Median	3	6	9	12	15	18	18+	
1	Hours per week spent on course	5	100%	8.3	0	0	3	0	2	0	0	
					0-30	30-50	50-70	70-80	80-90	90-100	N/A	
2	Percentage of classes attended	5	100%	95	0	0	0	0	0	2	3	
3	Percentage of homework completed	5	100%	95	0	0	0	0	0	5	0	
					Extremely	Prepared	Neither	Somewhat	Unprepared	N/A		
5	Student preparedness to take subject	5	100%	4	1	3	1	0	0	0		
					Except-ional	Great Deal	Modest	Little	Nothing	N/A		
6	Amount learned in course	5	100%	4.1	1	4	0	0	0	0		
					Except-ional	V Good	Good	Fair	Poor	N/A		
7	Assignments measured knowledge	5	100%	4.3	2	2	1	0	0	0		
					Str Agree	Agree	Neither	Disagree	Str Disagree	N/A		
8	Overall course effectiveness	5	100%	4.9	4	1	0	0	0	0		
					Except-ional	V Good	Good	Fair	Poor	N/A		
11	Instructor Clarity (Van Hentenryck)	5	100%	4.9	4	0	1	0	0	0		
					Str Agree	Agree	Neither	Disagree	Str Disagree	N/A		
12	Instructor: Communicated how to succeed (Van Hentenryck)	5	100%	4.9	4	0	1	0	0	0		
					Except-ional	V Good	Good	Fair	Poor	N/A		
13	Instructor: Respect for students (Van Hentenryck)	5	100%	5	5	0	0	0	0	0		
					Extremely	Very	Moder-ately	Slightly	Detached	N/A		
14	Instructor: Enthusiasm (Van Hentenryck)	5	100%	5	5	0	0	0	0	0		
					More Eager	Interested	No Change	Less	Ruined	N/A		
15	Instructor: Stimulates interest (Van Hentenryck)	5	100%	4.9	4	1	0	0	0	0		

#	Question	N	%	Mean	V Access	Access-ible	Neither	Somewhat	Hard to Find	N/A
16	Instructor: Availability (Van Hentenryck)	5	100%	5	5	0	0	0	0	0

#	Question	N	%	Mean	Extremely	Very	Moderately	Slightly	Not	N/A
17	Instructor: Feedback helpfulness (Van Hentenryck)	5	100%	4.7	3	1	1	0	0	0

#	Question	N	%	Mean	Str Agree	Agree	Neither	Disagree	Str Disagree	N/A
18	Instructor: Inclusive (Van Hentenryck)	5	100%	5	5	0	0	0	0	0
19	Instructor: Overall effectiveness (Van Hentenryck)	5	100%	5	5	0	0	0	0	0

#	Question	N	%		Mid - 3:00	3:01- 6 a.m	6:01- 9 a.m	9:01- noon	12:01- 3 p.m	3:01- 6 p.m	6:01- 9 p.m	9:01- mid
103	Time of day evaluation completed	5	100%			0	0	0	1	0	2	0	2

#	Question	N	%		1-3	4-6	7-9	10-12	13-15	16-18	19-21	22+
	Classes this semester	5	100%		5	0	0	0	0	0	0	0

Instructor	Text Responses
	Question: Comments about student effort
	(ISYE 8813) Really ramped up toward the latter half of the course
	(ISYE 8813) My effort for this class was very reasonable. For the first few assignments, I spent probably
	(ISYE 8813) The effort for the course shot up rapidly near the end. I wish it was more evenly spread. The first few assignments took 1-2 hours with the last few taking up to 20 hours.
	(ISYE 8813) The effort level was slightly lower than expected for a graduate level course.
	(ISYE 8813) Expected and expended effort were appropriate.
	Question: Course best aspect
	(ISYE 8813) Videos were engaging. Projects were good, but I wish there was more emphasis on coming up with creative solutions. For some assignments I felt I was just fighting with OPL on having a model converge and just playing with constraints.
	(ISYE 8813) It is hard to say because there were so many things that I loved about the way this class was taught. 1. I would say the interactive sessions (at a convenient (5 PM) after my full-time job) and the Ed Discussion were some of the best features for getting help; I felt like I was able to get the face-to-face and virtual support I needed way more than in other classes Ive taken. The professor and TAs went out of their way to make themselves available in this class, way more than in other classes. In other classes, I have had to seek out help more, and it is harder as a Distance Learning student to ask questions without the ability to do so in real-time. But this class does it! 2. As a close second, having our grades be based on assignments is the way I like to learn -- learning by applying and doing (rather than solely being tested on theory).

	(ISYE 8813) The examples given in the lectures were helpful.
	(ISYE 8813) The projects were very well designed. The learning path was also very good.
	(ISYE 8813) Clear, organized lectures with numerous examples! Assignments were also enjoyable as well as well-structured.
	Question: Course improvements
	(ISYE 8813) These are minor recommendations because so many things were done right in this course! 1. I would sometimes look back at old assignments to see how I wrote/carried out a certain modeling technique. However, I couldnt always remember, which assignment I was thinking of because of the naming. Maybe adding just a little more to the Star Wars assignment titles like "The Republic -- Control Center Location" would be helpful. 2. The first few assignments were very easy and I finished them almost 5-7 days before the due date. Towards the end, with Jakku and the Force Awakens in particular, I was much tighter on time (within a day of the original due dates). A couple of the assignments at the beginning person did not need to be extended for me, but honestly, I wouldnt necessarily do it differently, given that students are just starting out in the beginning. Also, the professor was very generous with extensions where needed.
	(ISYE 8813) More examples given for assignments and more discussion on how they were solved. I was assignment projects that were challenging but I never got to see the answer or how someone else solved it. So if I never figured out a problem, I never will.
	(ISYE 8813) I would encourage to somehow develop python modelling in tandem with OPL modelling. OPL is fantastic for learning CPLEX modelling logic. I think that practically there was a lot of possible value to having a more capable language to preprocess for constraints and boundaries. As a python user, there were a number of things I couldve done to improve my model performance had I been able to use python.
	(ISYE 8813) This course may be improved by providing students with more examples, perhaps outside of the lectures.
	Question: Instructor greatest strength
Van Hentenryck	(ISYE 8813) Great professor. Very engaging. Wants to see students succeed. One of my favorite Tech professors.
Van Hentenryck	(ISYE 8813) He made himself highly accessible and available so that we could ask questions during the interactive sessions. He was also super enthusiastic, which made this class so fun! Choosing this forum-style for the class layout was insightful and the best teaching decision Ive seen for online Distance Learning students like myself. He was also concise in his videos, which I liked because I tend to take copious notes and stop the video a lot to write.
Van Hentenryck	(ISYE 8813) Very easy to work around our schedule. Ed discussion made this course possible and we had questions answered quickly and effectively.
Van Hentenryck	(ISYE 8813) Passion. Also a very effective teacher.
Van Hentenryck	(ISYE 8813) Passionate, clearly organized, and engaging lectures.
	Question: Instructor improvements
Van Hentenryck	(ISYE 8813) I cant think of anything! Dr. Van Hentenryk did an amazing job teaching this class, and the TAs were some of the best Ive experienced.
Van Hentenryck	(ISYE 8813) This class talked a lot about theory, but half the time the biggest hang up was how to download different programs or write in different languages, which was saved for the end. The last homework we had a week for two big projects, in languages we were not familiar with.
Van Hentenryck	(ISYE 8813) Possibly by being more dynamic and flexible with the "learning path". I think that the "learning path", or the order we progressed through topics, was very logical, however, some students (myself included) were interested in search strategies to assist with earlier assignments. In hindsight, this was the most effective time to teach search and if it had been brought earlier this could have led to a better learning environment.

| Van Hentenryck | (ISYE 8813) Providing solutions to the past homework assignments would be helpful. |