

JHU - Krieger School of Arts & Sciences / Whiting School of Engineering
ASEN.2019.Summer II

Course: EN.601.226.21.SU19: Data Structures
Instructor: Gabriel Kaptchuk * ,Joanne Selinski
Response Rate: 15/19 (78.95%)

1 - The overall quality of this course is:					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
Poor	(1)	0	0.00%		4.33
Weak	(2)	0	0.00%		
Satisfactory	(3)	2	13.33%	■	
Good	(4)	6	40.00%	■	
Excellent	(5)	7	46.67%	■	
N/A	(0)	0	0.00%		
				0 25 50 100	Question
Response Rate			Mean	STD	Median
15/19 (78.95%)			4.33	0.72	4.00

2 - The instructor's teaching effectiveness is:					
Gabriel Kaptchuk					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
Poor	(1)	0	0.00%		4.47
Weak	(2)	0	0.00%		
Satisfactory	(3)	3	20.00%	■	
Good	(4)	2	13.33%	■	
Excellent	(5)	10	66.67%	■	
N/A	(0)	0	0.00%		
				0 25 50 100	Question
Response Rate			Mean	STD	Median
15/19 (78.95%)			4.47	0.83	5.00

3 - The intellectual challenge of this course is:					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
Poor	(1)	0	0.00%		4.53
Weak	(2)	0	0.00%		
Satisfactory	(3)	1	6.67%	■	
Good	(4)	5	33.33%	■	
Excellent	(5)	9	60.00%	■	
N/A	(0)	0	0.00%		
				0 25 50 100	Question
Response Rate			Mean	STD	Median
15/19 (78.95%)			4.53	0.64	5.00

4 - The teaching assistant for this course is:					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
Poor	(1)	0	0.00%		4.25
Weak	(2)	0	0.00%		
Satisfactory	(3)	2	13.33%	■	
Good	(4)	5	33.33%	■	
Excellent	(5)	5	33.33%	■	
N/A	(0)	3	20.00%	■	
				0 25 50 100	Question
Response Rate			Mean	STD	Median
15/19 (78.95%)			4.25	0.75	4.00

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5 - Please enter the name of the TA you evaluated in question 4:	
Response Rate	10/19 (52.63%)
<ul style="list-style-type: none"> • Erin Chen • Erin Chen • Erin Chen • Erin • Erin Chen • Erin Chen • Eduardo • Erin Chen • Erin Chen • Erin Chen 	

6 - Feedback on my work for this course is useful:					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
Disagree strongly	(1)	0	0.00%		
Disagree somewhat	(2)	1	6.67%	█	
Neither agree nor disagree	(3)	0	0.00%		
Agree somewhat	(4)	8	53.33%	█	
Agree strongly	(5)	6	40.00%	█	
N/A	(0)	0	0.00%		
				0 25 50 100	Question
Response Rate		Mean		STD	Median
15/19 (78.95%)		4.27		0.80	4.00

7 - Compared to other Hopkins courses at this level, the workload for this course is:					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
Much lighter	(1)	0	0.00%		
Somewhat lighter	(2)	0	0.00%		
Typical	(3)	7	46.67%	█	
Somewhat heavier	(4)	6	40.00%	█	
Much heavier	(5)	2	13.33%	█	
N/A	(0)	0	0.00%		
				0 25 50 100	Question
Response Rate		Mean		STD	Median
15/19 (78.95%)		3.67		0.72	4.00

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8 - What are the best aspects of this course?

Response Rate 13/19 (68.42%)

- assignments closely related with lectures
- The classes are interesting and engaging.
- If you've taken a CS course previously, chances are a lot of the content is review. With the structure of the summer class, the instructors can move quickly through review content and spend more time on harder content since each class block is longer.
- We implement data structures before being able to use them so we know how they work internally.
- Lots of material that was super interesting
- Very interesting, learn a ton.
- The course is organized well. Homework is challenging but worth to try.
- The in class examples are really helpful to learn how each data structure works.
- The concepts and the assignments
- The coding assignments
- We learned real-world applicable strategies and structures.
- All the material was very comprehensive and useful. I can seem myself using all the information I learned in the future.
- Super useful and interesting material

9 - What are the worst aspects of this course?

Response Rate 10/19 (52.63%)

- Some concepts are not explained very clearly
- The timing is a bit rushed with the assignments and topics, but that's just the nature of any summer course.
- Time management is difficult since it's 3 hours in the afternoon, I had to drop research commitments during the days we had class because it was impractical going back and forth between the locations. The class moves too fast. I found myself falling behind when trying to do the homeworks because I couldn't catch everything that was being presented during class. Some days it's almost a concept every 10 minutes, for 3 hours, which is a lot of information to absorb (especially small detailed differences between data structure types).
- Sometimes confusing concepts.
- I understand it was summer but sometimes the workload was a little heavy as we did not have a lot of time to work on our homework.
- The exams
- n/a
- Nothing
- Checkstyle. I am just not a big fan of checkstyle but I understand it's usefulness.
- I thought it was manageable

10 - What would most improve this class?

Response Rate 8/19 (42.11%)

- Pace more slowly on difficult concepts
- More practice problems would have been helpful
- Layout can get confusing, I would do graphs after trees and before hash maps.
- Maybe do a more creative assignment
- n/a
- Nothing
- Nothing
- I think the class moved too slowly at the beginning of the semester and too fast at the end. Would be good to try to compress more material per day in the first two weeks so that more time could be made for graphs and hash tables. Trees discussion was at a good pace.

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11 - What should prospective students know about this course before enrolling? (You may comment on any aspect of this course such as assumed background, readings, grading systems, and so on.)

Response Rate 12/19 (63.16%)

- Better take intermediate programming first
- The course is very fast paced
- Be prepared for the super fast pace in this summer course.
- Very fast paced, and will pick up considerably towards the end.
- It's a lot of work and knowing java and/or coding is super important
- Be ready to do a lot of programming
- Be familiar with Java basic concepts.
- Summer data structures is pretty chill.
- Learn mainly through doing assignments
- Nothing
- Nothing
- Skimming the readings before class was useful.

12 - Why did you take a course this summer?

Response Rate 12/19 (63.16%)

- Because the fall data structure course is in conflict with my other course
- Major requirement
- Need to fulfill the prerequisites of classes.
- I was interested in computer science.
- Easier than taking it during the year where it affects my other classes
- Couldn't get into it over the semester.
- In order to get ahead.
- To fulfill CS requirements
- I couldn't take it in the fall
- To take a class that had a scheduling conflict with another class i want to take.
- To complete some credits and stay productive over the summer.
- Lack of space within semester schedule

13 - Regarding your decision process to take a summer class, what were some of your obstacles/concerns?

Response Rate 10/19 (52.63%)

- Teaching quality, finding housing
- Some classes I am taking next semester have a new Data Structures requirement, although it applied for the semester afterwards so we were fine in registration. However, the curriculum would likely focus on data structures so I figured I would need the information for those classes. It also couldn't fit in my schedule (not enough credit hours) next semester, and I was already overloading, so I had to take it during the summer so I could take upper level CS courses in spring semester.
- The class would be too time consuming
- With so much material, I wish the schedule could have been a little bit more flexible
- Very time intensive.
- The length of the class (3 hours a day)
- The cost of the course in dollars
- Housing and food
- Time management.
- opportunity cost

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14 - What other courses not currently offered during the summer would you like to see offered?	
Response Rate	6/19 (31.58%)
<ul style="list-style-type: none">• Introduction to Probability• Economics and ECE classes• N/A• none• Nothing• Automata; Intro to Probability and Intro to Statistics	