

JHU - Krieger School of Arts & Sciences / Whiting School of Engineering
ASEN.2018.Fall

Course: EN.500.111.26.FA18: Hopkins Engineering Applications & Research Tutorials
Instructor: Gabriel Kaptchuk *
Response Rate: 13/13 (100.00 %)

1 - The overall quality of this course is:													
Response Option					Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%					4.69					
Weak	(2)	0	0.00%					4.06					
Satisfactory	(3)	0	0.00%					3.75					
Good	(4)	4	30.77%	■									
Excellent	(5)	9	69.23%	■									
N/A	(0)	0	0.00%										
				0	25	50	100	Question	School Level	Department Level			
Response Rate	Mean	STD	Median	School Level	Mean	STD	Median	Department Level	Mean	STD	Median		
13/13 (100.00%)	4.69	0.48	5.00	10082	4.06	1.01	4.00	584	3.75	1.17	4.00		

2 - The instructor's teaching effectiveness is:													
Gabriel Kaptchuk													
Response Option					Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%					4.92					
Weak	(2)	0	0.00%					4.13					
Satisfactory	(3)	0	0.00%					3.97					
Good	(4)	1	7.69%	■									
Excellent	(5)	12	92.31%	■									
N/A	(0)	0	0.00%										
				0	25	50	100	Question	School Level	Department Level			
Response Rate	Mean	STD	Median	School Level	Mean	STD	Median	Department Level	Mean	STD	Median		
13/13 (100.00%)	4.92	0.28	5.00	10702	4.13	1.03	4.00	584	3.97	1.04	4.00		

3 - The intellectual challenge of this course is:													
Response Option					Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%					4.09					
Weak	(2)	1	7.69%	■				4.18					
Satisfactory	(3)	1	7.69%	■				3.68					
Good	(4)	5	38.46%	■									
Excellent	(5)	4	30.77%	■									
N/A	(0)	2	15.38%	■									
				0	25	50	100	Question	School Level	Department Level			
Response Rate	Mean	STD	Median	School Level	Mean	STD	Median	Department Level	Mean	STD	Median		
13/13 (100.00%)	4.09	0.94	4.00	10032	4.18	0.90	4.00	582	3.68	1.08	4.00		

4 - The teaching assistant for this course is:													
Response Option					Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%										
Weak	(2)	0	0.00%										
Satisfactory	(3)	0	0.00%										
Good	(4)	0	0.00%										
Excellent	(5)	0	0.00%										
N/A	(0)	12	100.00%	■				0.00					
				0	25	50	100	Question	School Level	Department Level			
Response Rate	Mean	STD	Median	School Level	Mean	STD	Median	Department Level	Mean	STD	Median		
12/13 (92.31%)	0.00	0.00	0.00	10025	4.16	1.01	4.00	579	4.09	0.96	4.00		

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5 - Please enter the name of the TA you evaluated in question 4:

Response Rate 2/13 (15.38%)

- N/A
- There was no TA for the course

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)	0	0.00%									
Neither agree nor disagree	(3)	1	7.69%									
Agree somewhat	(4)	2	15.38%									
Agree strongly	(5)	0	0.00%									
N/A	(0)	10	76.92%									
				0 25 50 100	Question	School Level	Department Level					
Response Rate	Mean	STD	Median	School Level	Mean	STD	Median	Department Level	Mean	STD	Median	
13/13 (100.00%)	3.67	0.58	4.00	9971	3.89	1.07	4.00	577	3.61	1.10	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)	5	38.46%									
Somewhat lighter	(2)	3	23.08%									
Typical	(3)	3	23.08%									
Somewhat heavier	(4)	0	0.00%									
Much heavier	(5)	0	0.00%									
N/A	(0)	2	15.38%									
				0 25 50 100	Question	School Level	Department Level					
Response Rate	Mean	STD	Median	School Level	Mean	STD	Median	Department Level	Mean	STD	Median	
13/13 (100.00%)	1.82	0.87	2.00	9984	3.34	1.03	3.00	582	2.61	1.34	3.00	

8 - What are the best aspects of this course?

Response Rate 12/13 (92.31%)

- The best aspects of the course are that Gabe Kaptchuk's enthusiasm is great and the content is interesting.
- Gabe is clearly enthusiastic about the material and provides interesting lectures
- -> Interesting topic -> Lots of group discussions
- The teacher presents in such a way that technical ideas are understandable and between the demos, readings, examples, discussions, and lecturing, the way material is presented is always varied and never routine or boring.
- Practical demonstrations of hacks
- The in class demo's.
- No assignments, once a week meeting. Gabe is good at giving presentations and lecturing on the material in a basic way.
- As someone who came into college interested in cyber-security, this course was a good introduction to various topics in cyber-security. Having a younger teacher was refreshing because he was easier to relate to. Also, he did a great job explaining difficult proofs to people who had not taken discrete math.
- Learning about different aspects of cyber security and being introduced to basic structures of how cryptography works
- Topics were very interesting.
- Professor Kaptchuk is very good at explaining complex concepts/ideas in ways that people with no comp sci background at all can easily understand. He also explains things using different illustrations so both non-math-minded and math-minded people can understand.
- The interesting content that is explained like it were explained to an 8-year-old (in a good way). This makes it for a great opportunity to learn basic concepts in computer cryptography and security without having the pressure to obtain good grades, etc.

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9 - What are the worst aspects of this course?

Response Rate	11/13 (84.62%)
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- The worst aspect of the class is the length of some of the reading assignments.
- None, I really enjoy the class
- -> I wish there were more hands-on activities
- the time it is offered.
- Lack of peer interaction
- Not really any.
- N/A
- Not really anything
- N/A
- Some of the readings were very dense and technical. Though Professor Kaptchuk reassured us that it was okay if we didn't completely understand the readings, it was discouraging to read a passage several times and still not understand it at all. Also, the course was in the evening in the middle of the week, so participation was sometimes lacking simply because everyone was exhausted.
- I think it could have dove a bit deeper in the crypto part's math. However, I understand that not everyone has a background in math or computer science.

10 - What would most improve this class?

Response Rate	11/13 (84.62%)
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- To improve the class I would recommend making the readings more concise.
- I don't know, it's very good
- -> More hands-on activities
- a larger classroom with more chairs and table room.
- More discussion activities as a class
- Maybe giving resources for those who wish to learn more.
- I liked the class as it was.
- An inclusion of more programming aspect in cryptography
- N/A
- Class would have been much more lively if it had not been held in the evening in the middle of the week.
- As stated above, maybe diving a bit deeper in the math. Additionally, having more open discussions on ethics could have been a good idea. Other than that, the course was really good.

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	12/13 (92.31%)
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- Prospective students should know that the course is really interesting and worth taking.
- Often little to work involved; great class to take if interested in the subject
- Very interesting course, lots of fun. Teacher is great
- super interesting course, worth your time. it's what you'd expect for a one credit - no work really, but take it out of interest.
- More reading than other HEART courses is expected
- Really fun and interesting, the teacher is great. If your interested in the topic at all you will enjoy this class.
- N/A
- It is helpful to do the readings before class, so that you can are not initially confused.
- It's useful to do the readings provided in this course.
- The topics presented in this class are very interesting if you are interested in computer security. The readings all present interesting topics and perspectives.
- No background knowledge on code or any aspect of computer science is assumed, so this is a great class for someone who is just beginning to explore computer science. Professor Kaptchuk starts with simple, easy to understand explanations and builds off of those to cultivate a basic understanding of complex concepts. He is always willing to explain things again or in a different way. Assignments were entirely readings and one group project.
- The content is very interesting and relevant. The workload is light as should be expected from HEART courses. Gabriel is entertaining and his teaching style is effective.