CS 3205-001 HCl in Software Development - Spring 2018

ENGR (18390)

INSTRUCTORS: Floryan, Mark (mrf8t)

Respondents: 67 / Enrollment: 136

Summary: CS 3205-001 HCl in Software Development - Spring 2018 (18390)

Overall Course Rating

CS-3205-001 Mean 4.17 CS-3205-001 Std Dev 0.87 CS-3205-001 Response Count 334

SEAS, 3000-level courses Mean 4.09 SEAS, 3000-level courses Std Dev 0.99

SEAS, 3000-level courses Response Count 12906

Overall Instructor Rating

INSTRUCTOR: Floryan, Mark Mean 4.47 Std Dev 0.70 Response Count 467

SEAS, 3000-level courses Mean 4.20 SEAS, 3000-level courses Std Dev 0.93 SEAS, 3000-level courses Response Count 22603

~ QUESTIONS AND DETAILS ~

1. The course addressed technically rigorous subject matter consistent with the course objectives.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

~ ANSWER MATRICES ~

Results for	Results for CS-3205-001									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
67	4.19	0.80	24 (35.82%)	36 (53.73%)	4 (5.97%)	2 (2.99%)	1 (1.49%)	0 (0.00%)		

Results for	Results for SEAS, 3000-level courses									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
2575	4.41	0.73	1314 (51.03%)	1068 (41.48%)	124 (4.82%)	40 (1.55%)	21 (0.82%)	8 (0.31%)		

2. The instructor used methods other than/in addition to traditional lectures (for example, active learning, in-class problems, collaborative learning, inclass discussion) effectively in this course.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for	Results for CS-3205-001, Floryan, Mark									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
67	4.48	0.75	40 (59.70%)	21 (31.34%)	4 (5.97%)	2 (2.99%)	0 (0.00%)	0 (0.00%)		

Results for SEAS, 3000-level courses										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
3237	4.04	1.05	1263 (39.02%)	1155 (35.68%)	399 (12.33%)	201 (6.21%)	113 (3.49%)	106 (3.27%)		

3. There was a reasonable level of effort expected for the credit hours received.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-3205-001									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
66	4.41	0.66	32 (48.48%)	30 (45.45%)	3 (4.55%)	1 (1.52%)	0 (0.00%)	0 (0.00%)	

Results for	Results for SEAS, 3000-level courses									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
2582	4.14	0.98	1074 (41.60%)	1085 (42.02%)	195 (7.55%)	151 (5.85%)	73 (2.83%)	4 (0.15%)		

Not

Applicable

(NA)

0

(0.00%)

Not

Applicable

(NA)

94

(3.64%)

Not

Applicable

(NA)

(8.96%)

Not Applicable

(NA)

816

(31.58%)

Not

Applicable

(NA)

0

(0.00%)

Not

Applicable

(NA)

73

(2.26%)

Not

Applicable

(NA)

(0.00%)

Applicable (NA)

(2.35%)

Not Applicable

(NA)

0

(0.00%)

Not

Applicable

(NA)

78

(2.41%)

Disagree

(2)

(1.79%)

Strongly

Disagree (1)

39

(1.21%)

Neutral

(3)

234

(7.24%)

~ QUESTIONS AND DETAILS ~ ~ ANSWER MATRICES ~ 4. The homework assignments helped Results for CS-3205-001 me learn the subject matter. Disagree (2) Agree (4) Total Mean Std Dev Strongly Neutral Strongly Agree (5) Disagree (3)Question Type: Likert (1) 67 4.01 0.98 25 25 10 0 contributed by Dean of the School of Engineering (37.31%)(14.93%) (37.31%)(10.45%)(0.00%)and Applied Science Results for SEAS, 3000-level courses Disagree (2) Mean Std Dev Strongly Agree (4) Total Neutral Strongly Disagree (1) Agree (5) (3) 2582 0.93 1020 1049 244 49 4 15 126 (40.63%) (9.45%)(4.88%)(1.90%)(39.50%)5. The textbook increased my Results for CS-3205-001 understanding of the material. Agree (4) Total Mean Std Dev Strongly Neutral Disagree Strongly Agree (5) Disagree (1) (3) (2)Question Type: Likert 67 3.95 1.01 20 contributed by Dean of the School of Engineering (29.85%)(37.31%)(16.42%)(4.48%) (2.99%)and Applied Science Results for SEAS, 3000-level courses Strongly Agree (5) Disagree (2) Mean Std Dev Agree (4) Strongly Disagree Total Neutral (3)(1) 2584 503 393 3.62 1.20 541 215 116 (19.47%) (20.94%)(15.21%)(8.32%)(4.49%)6. The course material was well Results for CS-3205-001, Floryan, Mark organized and developed. Total Mean Std Dev Strongly Agree (4) Neutral Disagree (2) Strongly Disagree (1) Agree (5) (3) Question Type: Likert 67 4.33 0.86 33 28 2 3 contributed by Dean of the School of Engineering (49.25%) (41.79%)(2.99%)(4.48%)(1.49%)and Applied Science Results for SEAS, 3000-level courses Agree (4) Std Dev Total Mean Strongly Neutral Disagree Strongly Agree (5) (3) (2)Disagree (1) 3226 4.07 0.991209 1293 382 188 81 (37.48%)(40.08%)(11.84%)(5.83%)(2.51%)7. The instructor was knowledgeable Results for CS-3205-001, Floryan, Mark about the subject matter. Std Dev Disagree (2) Strongly Mean Strongly Total Agree (4) Neutral Disagree (1) Agree (5) (3) Question Type: Likert 67 4.69 0.50 47 19 n contributed by Dean of the School of Engineering (70.15%) (28.36%) (1.49%)(0.00%) (0.00%)and Applied Science Results for SEAS, 3000-level courses Disagree (2) Agree (4) Total Mean Std Dev Strongly Neutral Strongly Agree (5) Disagree (1) (3) 3230 4.54 0.67 1951 1029 131 17 (0.53%)(0.80%)(60.40%)(31.86%)(4.06%)8. The instructor was well prepared for Results for CS-3205-001, Floryan, Mark class. Agree (4) Total Mean Std Dev Strongly Neutral Disagree Strongly Agree (3) (2)Disagree Question Type: Likert (5) (1)66 4.50 0.56 35 29 2 0 0 contributed by Dean of the School of Engineering (3.03%)(53.03%)(43.94%)(0.00%)(0.00%)

Results for SEAS, 3000-level courses

Mean

4.37

Total

3233

Std Dev

0.80

Strongly

Agree (5)

1632

(50.48%)

Agree (4)

1192

(36.87%)

and Applied Science

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

9. I received adequate preparation from the prior courses in the curriculum to be successful in this course.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-3205-001									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
67	4.29	0.84	29 (43.28%)	25 (37.31%)	6 (8.96%)	1 (1.49%)	1 (1.49%)	5 (7.46%)	

Results for SEAS, 3000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2583	3.97	1.00	823 (31.86%)	1084 (41.97%)	355 (13.74%)	169 (6.54%)	71 (2.75%)	81 (3.14%)

10. The grading policy was fair.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for	Results for CS-3205-001, Floryan, Mark										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)			
66	4.20	0.92	28 (42.42%)	29 (43.94%)	4 (6.06%)	4 (6.06%)	1 (1.52%)	0 (0.00%)			

Results for	Results for SEAS, 3000-level courses									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
3230	4.01	0.99	1096 (33.93%)	1351 (41.83%)	405 (12.54%)	198 (6.13%)	90 (2.79%)	90 (2.79%)		

11. The instructor responded adequately to in-class questions.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-3205-001, Floryan, Mark										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
67	4.61	0.52	42 (62.69%)	24 (35.82%)	1 (1.49%)	0 (0.00%)	0 (0.00%)	0 (0.00%)		

Results for	Results for SEAS, 3000-level courses										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)			
3230	4.27	0.86	1446 (44.77%)	1296 (40.12%)	257 (7.96%)	97 (3.00%)	51 (1.58%)	83 (2.57%)			

12. The instructor effectively used technology in support of the learning goals for this course.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-3205-001, Floryan, Mark								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
67	4.45	0.61	34 (50.75%)	28 (41.79%)	4 (5.97%)	0 (0.00%)	0 (0.00%)	1 (1.49%)

Results for SEAS, 3000-level courses									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
3217	4.12	0.95	1234 (38.36%)	1286 (39.98%)	344 (10.69%)	146 (4.54%)	74 (2.30%)	133 (4.13%)	

13. The average number of hours per week I spent outside of class preparing for this course was:

Question Type: Multiple Choice

contributed by Office of the Provost

Results for CS-3205-001									
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)				
67	1 (1.49%)	42 (62.69%)	24 (35.82%)	0 (0.00%)	0 (0.00%)				

Results for SEAS, 3000-level courses							
Total	Less than 1	1 - 3	4 - 6	7 - 9	10 or more		
	(NA)	(NA)	(NA)	(NA)	(NA)		
2583	88	704	1052	432	307		
	(3.41%)	(27.26%)	(40.73%)	(16.72%)	(11.89%)		

~ QUESTIONS AND DETAILS ~				~ ANSWER	MATRICES ~			
14. I learned a great deal in this course.	Results for	CS-3205-001						
Question Type: Likert	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
contributed by Office of the Provost	67	4.21	0.83	25 (37.31%)	36 (53.73%)	2 (2.99%)	3 (4.48%)	1 (1.49%)
	Results for	SEAS, 3000-	level courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	2577	4.08	0.97	977 (37.91%)	1098 (42.61%)	285 (11.06%)	159 (6.17%)	58 (2.25%)
15. Overall, this was a worthwhile	Results for	CS-3205-001						
course. Question Type: Likert	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
contributed by Office of the Provost	66	4.24	0.91	31 (46.97%)	25 (37.88%)	6 (9.09%)	3 (4.55%)	1 (1.52%)
	Results for 3	SEAS, 3000-	level courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	2579	3.97	1.10	980 (38.00%)	957 (37.11%)	332 (12.87%)	196 (7.60%)	114 (4.42%)
16. The course's goals and requirements	Results for	CS-3205-001	, Floryan, Ma	rk				
were defined and adhered to by the instructor.	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
Question Type: Likert contributed by Office of the Provost	65	4.37	0.76	31 (47.69%)	30 (46.15%)	2 (3.08%)	1 (1.54%)	1 (1.54%)
	Results for 3	SEAS, 3000-	level courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	3216	4.26	0.82	1384 (43.03%)	1449 (45.06%)	257 (7.99%)	84 (2.61%)	42 (1.31%)
17. The instructor was approachable	Results for	CS-3205-001	, Floryan, Ma	rk				
and made himself/herself available to students outside the classroom.	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
Question Type: Likert contributed by Office of the Provost	67	4.39	0.80	35 (52.24%)	26 (38.81%)	4 (5.97%)	1 (1.49%)	1 (1.49%)
	Results for	SEAS, 3000-	level courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	3230	4.20	0.93	1449 (44.86%)	1243 (38.48%)	349 (10.80%)	112 (3.47%)	77 (2.38%)
18. Overall, the instructor was an	Results for	CS-3205-001	, Floryan, Ma	rk				
effective teacher. Question Type: Likert	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
contributed by Office of the Provost	67	4.48	0.68	38 (56.72%)	24 (35.82%)	4 (5.97%)	1 (1.49%)	0 (0.00%)
	Results for	SEAS 3000-	level courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	3237	4.11	1.00	1367 (42.23%)	1213 (37.47%)	399 (12.33%)	165 (5.10%)	93 (2.87%)

lease	make	any	overall	comments

~ ANSWER MATRICES ~

19. P or observations about this course:

~ QUESTIONS AND DETAILS ~

Question Type: Short Answer contributed by Office of the Provost

Results for CS-3205-001						
Total	Individual Answers					
41	See below for Individual Results					

Overall this was a great class! I really enjoyed taking it and would recommend it to just about anyone. One comment I do have is that sométimés the test questions were a bit harsh. Even though I read and studied the book in its entirety there were often questions that were just so specific there was no chance of me remembering exactly what was said in the book. Great class, overall, however.

I thought that the content of the course material was really interesting. Although the programming assignment was not the best thing, I still felt that the homeworks overall helped me gain a better understanding of each topic.

This was an awesome class and Floryan makes it even better. He is extremely personable and does a great job leading discussions and provoking thoughts. Probably my favorite professor I have had in college and a very enjoyable class. Thanks for a great class, Floryan.

The grading in this course was very unclear at times and a lot of this can be attributed to the lack of clarity in comments given by the TAs. For the one assignment of the semester where help was actually needed, many if not all seemed ill equipped to help. As stated before it was very unclear how to get good grades in the course, as there were little to no comments on assignments. Points also seemed to be deducted for no apparent reason, or at least for reasons other than those laid out in the rubric. This course needs to be greatly improved in its structure.

I took this class expecting it to be a super easy, b.s. class that I would get nothing out of. But Floryan is genuinely passionate about good design, and I got WAY more out of the class than I expected to. The class was pretty well-organized, and Floryan did a good job of encouraging class discussion in such a large lecture. I wish the in-class lecture format had had more variation, though. Maybe incorporate small group discussions to break up the monotony of PowerPoint slides every single inclass session. From now on, I will never not judge a door handle, and I'm not sure if that's a good or bad thing.

Fair and well structured class

Group work is always an absolute pain, but I appreciated the additional individual assignments to balance out the grade. Floryan was kind of mean with exam two, but overall he was pretty fair in testing the material in class and in the book (which was a great choice!!). I really enjoyed how much input he wanted from the students in the in-class discussions, it made even the (Floryan recognized) boring lectures decently interesting. Great material, great course, great Professor, loved it!

I highly enjoyed this class - Professor Floryan is very passionate about the material and highly knowledgeable. It influenced what I want to in the field of CS!

The in-class discussions were very interesting and often brought in new perspectives relevant to the material being taught. Also, the material itself has profoundly changed the way I view and consider designs. Thank you for a fun semester!

I learned a lot in this course, many things that can be applicable in real career paths.

The assignments are too lengthy and the grading is very subjective, especially for the exams

This was an entertaining class and the lectures are funny. However, the material in the class was not tested properly. Question/Answer based exams are not a good way to assess our skills and some of the answers are very subjective.

Could touch more directly on accessibility;) (I do think it was worthwhile to spend a lot of time making people realize that even users who don't need additional accessibility are going to behave a lot differently from what we might expect, though. We're in a CS bubble. It's important to consider the general population. And people in CS usually either picked up technology real quick or don't remember their own struggles when they first started out)

I enjoyed the discussions in this class. The workload wasn't too much and lectures were interesting.

Good course but some assignments took very long. Exam grading wasn't great. Not enough points.

The only problem that I had with this class were the TA's. They would take points of assignments and would give us no feedback as to why we lost those points. In addition, piazza was essentially useless as the TA's would not even respond to some extremely basic questions that were posted on piazza.

For the button assignment, perhaps extending the due date, especially, if the TAs were to cancel office hour last minute. It was also hard to approach because it took a couple of days to visit TAs and understand the assignment. For the group assignment with the prototypes, please provide an exit for students who are struggling to work with their groups. Giving an option for the member to quit their group and simply work on the project by themselves would be useful. Would it also be possible for the schedule of assignments to be spread out more evenly, the schedule felt extremely loaded at the end of the semester. Finally, please note down on the slides and to tell the class the exact edition of Norman's book is required for the class. I saw on piazza that a student wrote that you said the specific edition of the book is noted on the slides, but I checked every slide and could not find this edition. It would also help minimize the issue of students reading the wrong edition making them unprepared for the exams

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

The group projects could've used more structure. The total lack of structure made it difficult to adapt the homework assignments to our individual project.

One of my favorite classes this semester. Floryan is definitely super approachable and very fair. 10/10 would recommend.

I really enjoyed the class discussions, and found it to be extremely worthwhile.

Loved your class! Thanks for an awesome semester! (:

HCI is a very interesting class! Take this class if you expect to learn some psychological knowledge and want to understand the relationship between human and technology more.

Overall, this was a really good course. I felt like it offered a different aspect of CS which was super useful to learn. Additionally, the large group project definitely helped to tie all the ideas together.

N/A

This was probably my favorite course so far in college, and the professor was excellent at teaching it.

Very interesting class, good teacher

I came into this course not really knowing what to expect. I just needed a CS elective. However, I was surprised to see how interesting the class in terms of designing and stuff. Without Floryan as the professor, I think the course material would have been rather dry and boring, however his humor and character really brings the class to life. Also, I have to admit, I talked a lot about this class for one of my internship interviews, and I got the job! So I would like to thank this class for getting more immersed into the technological side of things. For assignments, I think they're pretty fair, however I thought the very first assignment about our project proposal was a bit much back in the beginning of the semester.

Floryan is an effective teacher and I hope to see this class continue to being offered to other students in the future.

Floryan is always a great professor, but in this course I think he really shines. HCI is a field I'd been interested in for a while and having someone as enthusiastic as him teach it made me all the more engaged. The Don Norman book is my new Bible and I live for the in-class discussions because we basically get to rant about bad designs and gutterall reactions. Overall, would highly recommend this class to anyone, but especially to people who doubt computer science's ability to be about more than coding.

I felt Professor Floryan did not give this class as much attention I would have hoped. He is extremely knowledgable in HCI yet does not communicate as effectively as I would've hoped about the class instructions and assignments. I also felt some assignments had no relation to what we learn in class such as the coding assignment. It was quite easy but felt like a waste of time. He is not very clear on the level of effort we need for the group project and the other assignments he gives us made the whole flow of the class feel disjointed. There is a lot of useful content for CS majors explored in this class, but I wish it was better organized and structured. Prof. Floryan himself did not seem all that prepared in terms of slide quality (which felt as if he took it straight from the book he assigned us to read) and just general communication.

No complaints, good class just similar to HMI in the systems department.

This is a very worthy course! Although the contents are not hard, the lessons are really valuable. In fact, I think all CS students should take this course, especially when I think about my experiences with some of the programming tools. Thank you very much for this course! The only critique I have, is perhaps the course could be a little bit faster paced. Of course, I have no idea whether other students agree with me on this. I think the contents are really interesting, and I would love to learn deeper and more about many psychology and designer aspects of products.

Hopefully next time you have the programming assignment all of the TAs won't cancel their office hours right before it's due because that was awful. Otherwise great class.

Professor Floryan is one of the best professors that I have had in all 4 years at UVA. He is dedicated to understanding his students and creating course content that is actually meaningful to them.

Floryan has been my favorite professor since 2150. He manages to make even dry material engaging with his mannerisms and enthusiasm. Also HCl is a class that all CS students should take because it makes you think about the stuff you are designing a bit more

The course is overall a good elective for CS majors who are interested in design or who just want to think about their users. Mark Floryan definitely makes this class much more interesting for me. However, I did not care for some of the contributions of the students in the class discussion that took a lot of time but did not really relate to the topics. The assignments are definitely were I learned the most and I enjoyed them. The textbook however I did not enjoy reading. Norman needs to get to the point lol.

Excellent job professor!

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

Overall I learned so much in your class. Honestly, I remember being disenchanted with coding because it all seemed so technical, but I am glad to say that your class gave coding a lot more purpose to me. Being able to see the human element in the way we code was truly an exciting adventure. Also, it was nice to know that not all the stupid things I do with technology and devices were my fault. It COULD be a terrible design. However, I still have two problems with the course. The book chapters were out of alignment with the lecture material. Thus, it was kind of hard to sometimes see where you were going in the slides to what we were learning in the book. Second, I had no idea what I was doing in the project, especially in the first and second homeworks. The way that the first homework was pitched was that it was supposed to be a technology that you wanted to create or improve. After hearing others proposals, I came to understand that you wanted us to focus really more on how to bring about the best human-computer-interaction with a certain technology. I really don't want to complain too much because I also appreciated having the chance to work it out on my own. Yet, I think my prototype testing would have gone better if from the beginning I had a better understanding of what to do. A simple fix to this would be to give a couple project examples that you consistently use to explain each homework assignment. Either way, I still loved this class! THANK YOU SOOOOO MUCH

I wish we got more time for each assignment. Often times, Floryan would wait to release assignments before their corresponding lectures, but it would be nice to get the assignments before the corresponding lectures. This way, we would be able to plan ahead with our groups to meet up and complete the assignment when we did learn the material in lecture.

The course was useful, in my opinion, however, it was not structured very well. The semester-long project we were completing, while precedented, was poorly distributed out to us. Instead of giving us the full scope of the project ahead of time to allow us to adequately prepare and complete the project, each part of it was only given to us about a week before the due date. And for portions that included building prototypes and testing them, extra time to prepare these would have been extremely valuable

I think the homework schedule could have been structured better. It would've been nice to have more than a week to do part 4 of the project at the expense of time on parts 1 or 2 because those aren't as time intensive. Trying to meet up with a group right before finals several times to plan and test prototypes on top of having a final right after the due date was a bit overwhelming. The button assignment also didn't fit into the course objectives in my opinion. We talked a lot about design principles and then zooming in suddenly to implementing a button in Java seemed to come out of left field. Lastly, some exam questions seemed unfair. I think there's a difference between reading the book and memorizing every single definition and a few times, the exams were testing whether you memorized those definitions.