

Term: 201810	Campus: MC	College: CCEC	Department: Computing	Level: UL
Course Prefix: CAP	Course Number: 4630	CRN: 11563	Instructor(s): Liu, Xudong	

Number Enrolled: 24	Number Responded: 11	Percent Responded: 45.83%
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RESPONSE PERCENTAGES									
Item ID	Item	Strongly Agree(5)	Agree(4)	Neutral(3)	Disagree(2)	Strongly Disagree(1)	NR/NA	Mean	
1	My instructor communicated ideas and information effectively.	18.18%	45.45%	27.27%	9.09%	0.00%	0.00%	3.73	
2	My instructor was knowledgeable about the subject matter.	63.64%	27.27%	9.09%	0.00%	0.00%	0.00%	4.55	
3	My instructor was able to explain complex concepts and ideas clearly.	9.09%	45.45%	18.18%	27.27%	0.00%	0.00%	3.36	
4	My instructor was well-organized and provided a framework conducive to learning.	9.09%	54.55%	27.27%	0.00%	9.09%	0.00%	3.55	
5	My instructor taught the course in a way that stimulated critical and creative thinking.	9.09%	45.45%	27.27%	18.18%	0.00%	0.00%	3.45	
6	My instructor assisted students outside of class.	27.27%	36.36%	9.09%	9.09%	0.00%	18.18%	4.00	
7	My instructor set high standards that challenged me in the course.	45.45%	36.36%	18.18%	0.00%	0.00%	0.00%	4.27	
8	My instructor showed respect for students.	54.55%	36.36%	9.09%	0.00%	0.00%	0.00%	4.45	
9	My instructor provided useful feedback on assignments/tests.	18.18%	54.55%	18.18%	0.00%	9.09%	0.00%	3.73	
Item ID	Item	Excellent (5)	Very Good (4)	Good (3)	Fair (2)	Poor (1)	NR/NA	Mean	
10	My overall rating of instructor	18.18%	27.27%	27.27%	18.18%	9.09%	0.00%	3.27	
Item ID	Item	Male	Female						
	Gender	90.91%	9.09%						
Item ID	Item	<2.00	2.00-2.49	2.50-2.99	3.00-3.49	3.50-4.00			
	Current Cumulative GPA	0.00%	36.36%	45.45%	9.09%	9.09%			
Item ID	Item	Freshman	Sophomore	Junior	Senior	Postbac	Masters	Doctoral	Other
	Classification	0.00%	0.00%	36.36%	54.55%	0.00%	0.00%	0.00%	9.09%

What did you like best about the course and/or how the instructor taught it?:

Seq	Answer
6	I liked the material, and Professor Liu certainly seems knowledgeable on the subject. I'm conflicted writing this evaluation because while there were a lot of things Professor Liu could have done better, he genuinely seems to care that the students understand the material and succeed in general. Over the semester, he sent us information regarding a research assistant position, and after I sent him my qualifications, he kindly let me know that while I did not qualify for the position, he would send me information regarding another position which I might be more suited for.
9	Professor Liu is a good professor, his projects were difficult but rewarding and I enjoyed the subject
11	The projects gave students hands-on experience with AI implementation

What suggestions do you have for improving the course and/or how the instructor taught it?:

Seq	Answer
3	The slides were helpful, but need to have more examples. The formulas are hard to decipher, and having worked out examples would have cleared up alot of my confusion.
6	1) Professor Liu takes a full month to grade our projects and homework and get them back to us. That means that by the time we get them back, we've already been tested on the material and have moved on to the next topic. There were times when I was studying for the tests and I was unclear whether or not I understood certain principles simply because I had not yet received any feedback whatsoever on them. 2) This might just be my own particular bias as a student, but I believe Professor Liu sets unrealistic expectations for his students. All of the projects were challenging in their own way, but one in particular comes to mind where Professor Liu wanted us to design a system that could find feasible logical objects when given constraints. That in itself seemed like an appropriate task, however he also required us to design a easy to use GUI, which took over half of the time for my project and I believe was irrelevant to the overall project's objective.
7	I would have liked it more if the professor had introduced the projects more. I also wished that he had taught us more in python since most of the students haven't worked with it in depth while the projects were quite intensive.
9	Hard class for an elective... wish we had gone over how to do projects more. Especially 2 and 4. A project that got more complex throughout the semester in liu of current setup would also be really neat. Getting grades back in a timely manner would be great too.
11	- The course slides should be concept-oriented instead of lecture-oriented and should be more comprehensive and complete. (Dr. Asai's Computability and Automation slides are a good example of concise and comprehensive resources) - I would have benefited from a course structure that was more example and program oriented with visual demonstrations of the concepts and algorithms. By program oriented I mean teaching the concepts through implementation in code as opposed to lecturing about formulas and algorithms and then leaving students to translate that into code on their own.

Term: 201810	Campus: MC	College: CCEC	Department: Computing	Level: LL
Course Prefix: COP	Course Number: 2220	CRN: 11486	Instructor(s): Liu, Xudong	

Number Enrolled: 37	Number Responded: 19	Percent Responded: 51.35%
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RESPONSE PERCENTAGES									
Item ID	Item	Strongly Agree(5)	Agree(4)	Neutral(3)	Disagree(2)	Strongly Disagree(1)	NR/NA	Mean	
1	My instructor communicated ideas and information effectively.	21.05%	52.63%	5.26%	15.79%	5.26%	0.00%	3.68	
2	My instructor was knowledgeable about the subject matter.	57.89%	42.11%	0.00%	0.00%	0.00%	0.00%	4.58	
3	My instructor was able to explain complex concepts and ideas clearly.	15.79%	42.11%	21.05%	21.05%	0.00%	0.00%	3.53	
4	My instructor was well-organized and provided a framework conducive to learning.	36.84%	31.58%	21.05%	10.53%	0.00%	0.00%	3.95	
5	My instructor taught the course in a way that stimulated critical and creative thinking.	10.53%	36.84%	47.37%	0.00%	5.26%	0.00%	3.47	
6	My instructor assisted students outside of class.	31.58%	26.32%	36.84%	5.26%	0.00%	0.00%	3.84	
7	My instructor set high standards that challenged me in the course.	42.11%	42.11%	5.26%	10.53%	0.00%	0.00%	4.16	
8	My instructor showed respect for students.	42.11%	31.58%	21.05%	5.26%	0.00%	0.00%	4.11	
9	My instructor provided useful feedback on assignments/tests.	26.32%	26.32%	21.05%	10.53%	15.79%	0.00%	3.37	
Item ID	Item	Excellent (5)	Very Good (4)	Good (3)	Fair (2)	Poor (1)	NR/NA	Mean	
10	My overall rating of instructor	15.79%	15.79%	42.11%	21.05%	5.26%	0.00%	3.16	
Item ID	Item	Male	Female						
	Gender	84.21%	15.79%						
Item ID	Item	<2.00	2.00-2.49	2.50-2.99	3.00-3.49	3.50-4.00			
	Current Cumulative GPA	0.00%	10.53%	26.32%	31.58%	10.53%			
Item ID	Item	Freshman	Sophomore	Junior	Senior	Postbac	Masters	Doctoral	Other
	Classification	15.79%	42.11%	42.11%	0.00%	0.00%	0.00%	0.00%	0.00%

What did you like best about the course and/or how the instructor taught it?:

Seq	Answer
1	This was my first computer science class and I thoroughly enjoyed it. Professor Liu is pretty good, however, without the recitation sessions, a good grade in this class would be extremely hard.
7	I liked when we all coded together in class to figure out concepts as a group.
9	I enjoyed the projects in this class when the material corresponded with the objective.
10	I liked the way his lectures were structured. They were very clear and easily accessible for reference in the future.
16	Examples worked in class
17	There is a handful of hands-on content that was very helpful.
19	He taught through PowerPoint presentations which made it nice because we could always go back and look at what topics we covered. He also laid out a very clear schedule and communicated well with the class if anything was being changed.

What suggestions do you have for improving the course and/or how the instructor taught it?:

Seq	Answer
2	Give the exams back to students so that they can actually study from them and see what they did wrong. How can one correct a mistake if they don't know what it is?
6	The instructor doesn't relay information well for a student that has never had any experience with computer programming. As this is an entry level course, the instructor should take into consideration that many students are being introduced for the very first time to programming. The instructor should have many more examples of actual programming within the osprey connector, so that the student can see the C language first hand. Some of the requirements of the projects seemed well beyond the skill level of lessons learned up to the point of the assignment.
7	It would be helpful to do more group coding.
9	This course would be improved with better examples from the professor. Interaction would come more easily from the class if ideas and wrong answers weren't abruptly shut down. Without the recitations, I would not have learned much from this class.
10	I might have caught him on bad days, but I've gone to ask him a question in his office three times this semester and all three times I felt like I was being rushed and pushed out of the door. He always told me that he was busy and didn't have

	time to answer questions, but I never stayed for more than a minute or so.
14	The recitations that were assigned should be stated clearly before signing up for the class. I personally schedule my class base off work and the 2hrs are sometimes are to squeeze out of an already tight schedule.
16	none
17	The Pico editor is not fun at all to debug code with.
19	I think that he should work on his feedback. When grading exams, rather than just marking the answer wrong possibly provide a brief explanation of the right answer or why it's wrong. This allows students to look back at this and remember why they got it wrong rather than trying to remember why they got it wrong.

Term: 201810	Campus: MC	College: CCEC	Department: Computing	Level: LL
Course Prefix: COP	Course Number: 2220	CRN: 11571	Instructor(s): Liu, Xudong	

Number Enrolled: 34	Number Responded: 14	Percent Responded: 41.18%
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RESPONSE PERCENTAGES

Item ID	Item	Strongly Agree(5)	Agree(4)	Neutral(3)	Disagree(2)	Strongly Disagree(1)	NR/NA	Mean	
1	My instructor communicated ideas and information effectively.	14.29%	28.57%	14.29%	28.57%	14.29%	0.00%	3.00	
2	My instructor was knowledgeable about the subject matter.	35.71%	57.14%	7.14%	0.00%	0.00%	0.00%	4.29	
3	My instructor was able to explain complex concepts and ideas clearly.	14.29%	21.43%	35.71%	14.29%	14.29%	0.00%	3.07	
4	My instructor was well-organized and provided a framework conducive to learning.	21.43%	42.86%	14.29%	14.29%	7.14%	0.00%	3.57	
5	My instructor taught the course in a way that stimulated critical and creative thinking.	21.43%	14.29%	28.57%	21.43%	14.29%	0.00%	3.07	
6	My instructor assisted students outside of class.	21.43%	42.86%	0.00%	14.29%	0.00%	21.43%	3.91	
7	My instructor set high standards that challenged me in the course.	35.71%	57.14%	0.00%	0.00%	7.14%	0.00%	4.14	
8	My instructor showed respect for students.	50.00%	28.57%	21.43%	0.00%	0.00%	0.00%	4.29	
9	My instructor provided useful feedback on assignments/tests.	21.43%	35.71%	7.14%	21.43%	14.29%	0.00%	3.29	
Item ID	Item	Excellent (5)	Very Good (4)	Good (3)	Fair (2)	Poor (1)	NR/NA	Mean	
10	My overall rating of instructor	21.43%	14.29%	28.57%	28.57%	7.14%	0.00%	3.14	

Item ID	Item	Male	Female	
	Gender	85.71%	14.29%	

Item ID	Item	<2.00	2.00-2.49	2.50-2.99	3.00-3.49	3.50-4.00	
	Current Cumulative GPA	0.00%	0.00%	21.43%	21.43%	42.86%	

Item ID	Item	Freshman	Sophomore	Junior	Senior	Postbac	Masters	Doctoral	Other
	Classification	28.57%	42.86%	28.57%	0.00%	0.00%	0.00%	0.00%	0.00%

What did you like best about the course and/or how the instructor taught it?:

Seq	Answer
1	I'll get back to you on that one.
3	Professor Liu went over chapters in class, then proceeded to work out examples in class as well.
4	Dr. Liu is willing to work with you in and outside of class.
6	The course was very straight-forward and progressed very rapidly.
7	recitations counting for 15% of the grade was very helpful, and taught me outside of the classroom. The class itself was taught directly from powerpoint presentations, and it was somewhat difficult to learn in the classroom. The slides helped with studying outside of class.
8	Whenever Prof. Liu had the class write code alongside him to demonstrate a new subject.
10	He did a great job of keeping students engaged.
14	The examples and occasional hands on learning

What suggestions do you have for improving the course and/or how the instructor taught it?:

Seq	Answer
1	Drop C; use Java/Javascript/Python. Too much time is wasted focusing on pointers/malloc()/free(). If C is a must, at least teach gdb/valgrind. Nothing is more frustrating than seeing "Segmentation fault (core dumped)" and having no idea how to fix it. Teach debugging. More time is spent debugging than actually writing the code, so I think it's worth at least a day or two. Stop focusing on the little details (little quirks of C that can be found in a simple google search), and start focusing on the big picture (actually solving problems with computers). Maybe some in-class examples of taking a problem like the ones we have on tests and writing a solution for it would help. The workload is absurd. We essentially have to read 50 small-print textbook-sized pages every week on top of going to what is essentially a mandatory 2-hour lab every week (note that the class is not called "Computer Science I with lab"). On top of that, we have to do the "In-Class Activities" at home since we don't actually do them in-class. You're asking too much to teach the entirety of C within 4 months, and it shows in how absurdly fast the class is moving; just focus on the basics for now. I'm not going to sugarcoat this: the in-class instruction is very poor. There needs to be a lot more actual coding and less reading off a powerpoint. In my opinion, the only real way to learn how to program is to do it, and there seems to be an awful lack of that in the in-class instruction. Why do we sit in front of computers if we don't use them? Many people say they only learn the material in the mandatory 2-hour labs. It's a shame that what is essentially an unpaid TA can explain the material better than the instructor we are paying.

3	He may need to involve the class a little more, other than that, his teaching method is preferred by me.
6	Probably give students more practices and exercises to ensure the students grasps the concept full.
8	Try to not get sidetracked as often, it can be confusing.
10	I think that the in-class activities should put more of an emphasis on working in groups rather than alone.
14	More hands on learning in class