



Individual Report for CS-571-001-Operating Systems – Yue Cheng-Spring 2022

Project Title: **Student Evaluations of Teaching - Spring 2022**

Survey Audience: **23**

Responses Received: **19**

Response Ratio: **82.61%**

Report Comments

Student evaluations of teaching provide critical feedback to instructors that can be used to adjust and improve the class experience.

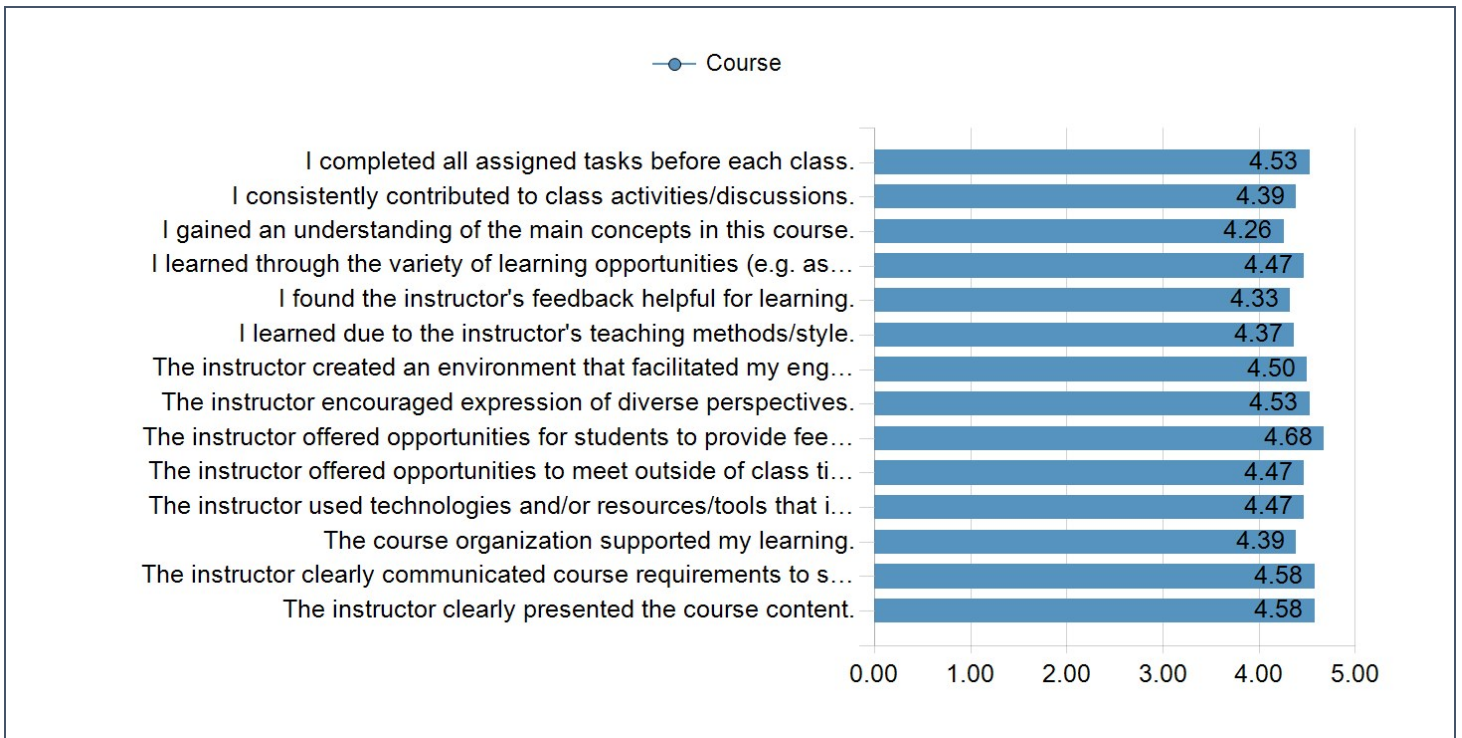
This information is also evaluated as part of performance reviews.

You are encouraged to review this information to learn more about the student perspective and experience.

If you have any questions about the process or how to interpret this information, please contact the Office of Institutional Effectiveness and Planning at oierset@gmu.edu.

Creation Date: **Monday, September 12, 2022**

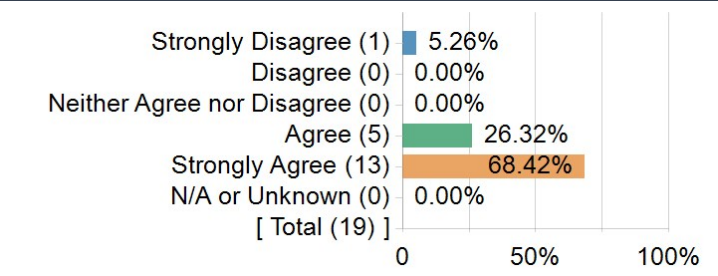
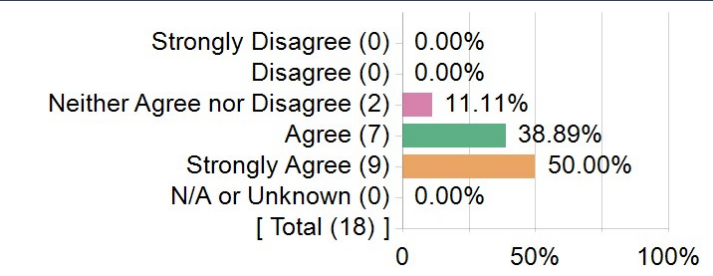
Raters	Students
Responded	19
Invited	23
Response Ratio	82.61%



Competency	Course	Standard Deviation	Min	Max
I completed all assigned tasks before each class.	4.53	+/-0.96	1.00	5.00
I consistently contributed to class activities/discussions.	4.39	+/-0.70	3.00	5.00
I gained an understanding of the main concepts in this course.	4.26	+/-1.10	1.00	5.00
I learned through the variety of learning opportunities (e.g. assignments, projects, papers, discussions, group work, peer review, exams) provided.	4.47	+/-1.02	1.00	5.00
I found the instructor's feedback helpful for learning.	4.33	+/-1.14	1.00	5.00
I learned due to the instructor's teaching methods/style.	4.37	+/-1.07	1.00	5.00
The instructor created an environment that facilitated my engagement with course content.	4.50	+/-1.04	1.00	5.00
The instructor encouraged expression of diverse perspectives.	4.53	+/-0.96	1.00	5.00
The instructor offered opportunities for students to provide feedback on the course.	4.68	+/-0.95	1.00	5.00
The instructor offered opportunities to meet outside of class time, such as virtual or in-person office hours.	4.47	+/-0.96	1.00	5.00
The instructor used technologies and/or resources/tools that increased my engagement with course content.	4.47	+/-0.96	1.00	5.00
The course organization supported my learning.	4.39	+/-1.04	1.00	5.00
The instructor clearly communicated course requirements to students.	4.58	+/-0.96	1.00	5.00
The instructor clearly presented the course content.	4.58	+/-0.96	1.00	5.00

Student Participation Q7-Q8

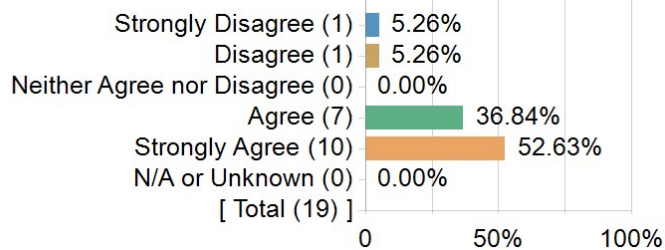
Competency Statistics	Value
Mean	4.46

1. I completed all assigned tasks before each class.	2. I consistently contributed to class activities/discussions.																
 <p>Strongly Disagree (1) 5.26%</p> <p>Disagree (0) 0.00%</p> <p>Neither Agree nor Disagree (0) 0.00%</p> <p>Agree (5) 26.32%</p> <p>Strongly Agree (13) 68.42%</p> <p>N/A or Unknown (0) 0.00%</p> <p>[Total (19)]</p>	 <p>Strongly Disagree (0) 0.00%</p> <p>Disagree (0) 0.00%</p> <p>Neither Agree nor Disagree (2) 11.11%</p> <p>Agree (7) 38.89%</p> <p>Strongly Agree (9) 50.00%</p> <p>N/A or Unknown (0) 0.00%</p> <p>[Total (18)]</p>																
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Learning Outcomes Q9-Q12

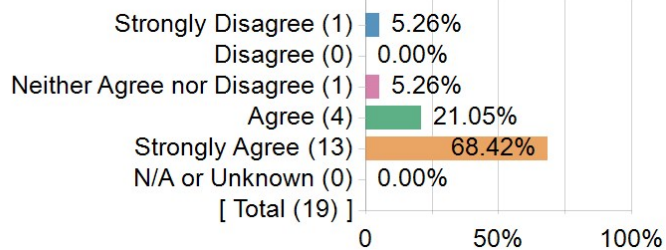
Competency Statistics	Value
Mean	4.36

1. I gained an understanding of the main concepts in this course.



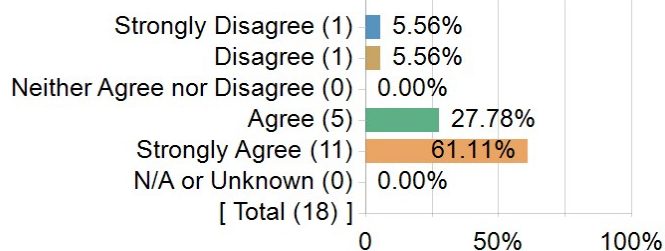
Statistics	Value
Response Count	19
Mean	4.26
Median	5.00

2. I learned through the variety of learning opportunities (e.g. assignments, projects, papers, discussions, group work, peer review, exams) provided.



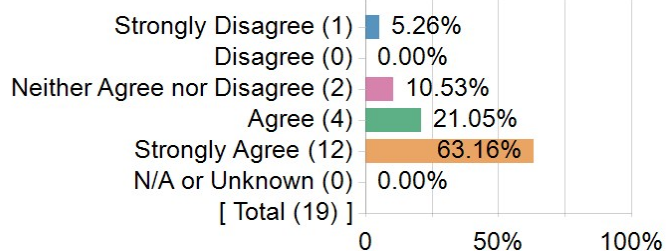
Statistics	Value
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3. I found the instructor's feedback helpful for learning.



Statistics	Value
Response Count	18
Mean	4.33
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4. I learned due to the instructor's teaching methods/style.



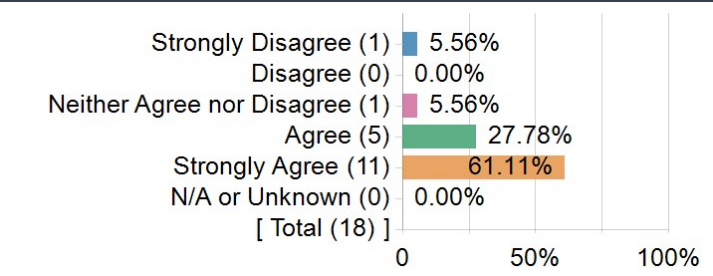
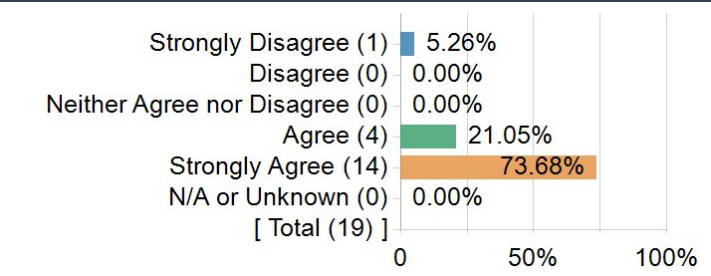
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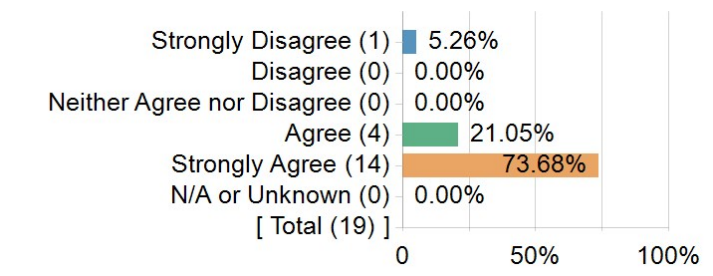
Course Environment/Experiences Q13-Q17

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Instructor Preparation and Course Organization Q18-Q20

Competency Statistics		Value
Mean		4.52

1. The course organization supported my learning.		2. The instructor clearly communicated course requirements to students.	
			
Statistics	Value	Statistics	Value
Response Count	18	Response Count	19
Mean	4.39	Mean	4.58
Median	5.00	Median	5.00

3. The instructor clearly presented the course content.	
	
Statistics	Value
Response Count	19
Mean	4.58
Median	5.00

Were there any significant obstacles to learning that were beyond the control of the instructor (e.g., scheduling or technology problems, university closings, limitations caused by other students or by group dynamics)? If so, please explain.

Comments
Job search and having multiple other assignments along with this project was a bit difficult to balance and it reduced the opportunity to fully utilize all the contents that prof. suggested.
nope
Some obstacles may include acquiring certain resources for some of the projects which were not available through the school.
None.
No.
No we don't have
Excellent course and instruction methods. No issues except mask requirements that hinder verbal communication and class discussion harder.
There were no significant obstacles.
Yeah, the group project where I felt like that I did the majority of the work. I contributed the majority of the work to our project proposal, design of the algorithm and what tools to use for our particular project. I wrote the project proposal and the first report and contributed a majority to the second report. I would tell one person to do something and a week later nothing would be done until it was close to the report (this happened at least twice), in which case I just started writing the code and coming up with things to write for our reports. Neither of my teammates really seemed interested or wanting to contribute as they would only look to me to provide them with work without really taking the initiative to do any work on their own or even ask if I needed help with anything. I felt personally disrespected and had my time wasted as whenever we had meetings to discuss elements of the project, it usually involved me giving ideas and suggestions while the other two were in silence, never bothering to interact or give help. Another thing that bothered me was when I was complaining to one teammate about the other literally not doing any work for the whole project, he responded "i mean its time to get things done, not therapy sessions.", when he himself had not done much more work for the project as well, but at least he was slightly more competent. Both would never respond in a reasonable amount of time or not respond to my inquiries at all. One of them had not even bothered to try running and testing the project well after I had made an initial version of it and he also had no idea how to use a terminal or had any idea how to use basic Linux commands until I showed him for two hours in order for him to do testing. At the time of writing this, I still do not think he will even finish (even though he has had a week to do this and I have shown him all the steps for it) but it doesnt matter. I did not see the signs until it was too late but at least I know now.
– The only problem was working for the semester project as the project required cloud resource which was costly for students. Although professor helped my team to figure out the way to get the resource, there was no help from CS department. Next time, this can be solved by having good coordination with cloud services and CS department to provide students resources when needed.

What 2-3 aspects of this course were most valuable to your learning experience?

Comments
Research topics that he suggested and the way he guided everyone to learn from recent threads by reading from multiple papers and journals outside of curriculum is really valuable.
Concurrency as a subject, and the mini exams.
The paper review form helped to encourage a basic understanding of the paper before class.
1. The contents of this course(research + fundamentals) 2. Projects are interesting 3. Teach us how to read papers.
Reading
– Hands on experience – Sorting through research papers and analysis – Group work and collaboration/ discussion
The course was properly split into 3 parts: 1. teaching – we were taught the concepts that were needed. 2. Research papers – We learnt about the latest in the tech world. 3. Research project – We actually had a chance to work on something that is very new in the systems field. It covered every aspect of what I expect out of a Masters class.
a mix of OS fundamentals systems paper readings/discussion open-ended project exams Instructor teaching methodology
Operating Systems knowledge; Thinking Pattern; OS literature reviews;
Coding in Research Reading a paper in
Semester wide final project Reading and analyzing research papers Class discussions
The restructure of the course worked really well. While difficult, the semester-long project was a great learning experience and was more beneficial than any homework assignment would have been.
That the instructor listened to feedback and provided a good learning environment.
1 & 2. The research papers were really neat and the discussions for them as well. I think they will provide me with direction for what I want to learn and what kind of things may be useful for the future.
– Professor provided us reading materials before class which I think few professors do. As someone who didn't do Operating system course in undergrad, this helped me prepare and be familiar with topics beforehand, which further helped me to understand the topics better during lecture. – As someone who aspire to be good MLSystem researcher, System papers readings, writing reviews and discussion of the existing concepts and new ideas in the class were the one of the most valuable learning experience for me. – As someone who is shy in masses, it was hard for me to ask questions, but professor designed the course in such a way that students were encouraged and given credit to ask hard questions in the class and apart from lecture delivery the class was also focused on discussions too. This helped me to come out of shyness and ask more questions that I was curious about.

What 2-3 aspects of this course were least valuable to your learning experience?

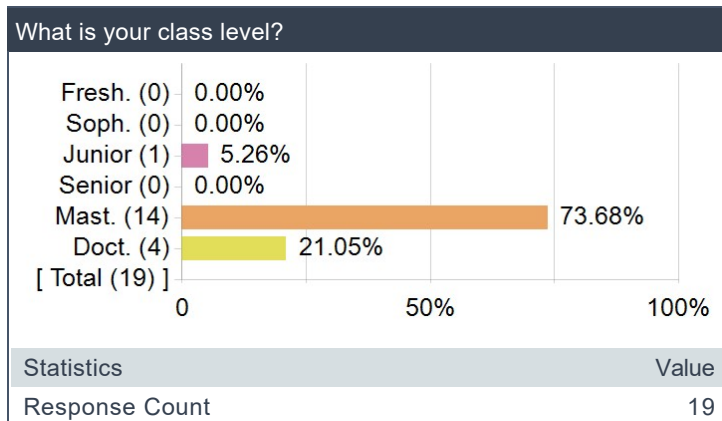
Comments
N/A
The group presentations from the other teams: too much information to think about when I'm concerned about my own project.
None because it is perfect.
nope
– long powerpoints – lack of practice material
–
No.
None
I thought the mini exams were unnecessary and the time focused on those could have been used on more papers instead.
The timeslot of the class and the lack of more practical engagement with the material.
1. I guess the group project for the previously stated reasons. 2. Nothing else.
– There were no any aspects of the course that was least valuable to my learning experience.

What modifications do you suggest for the next time the course is taught?

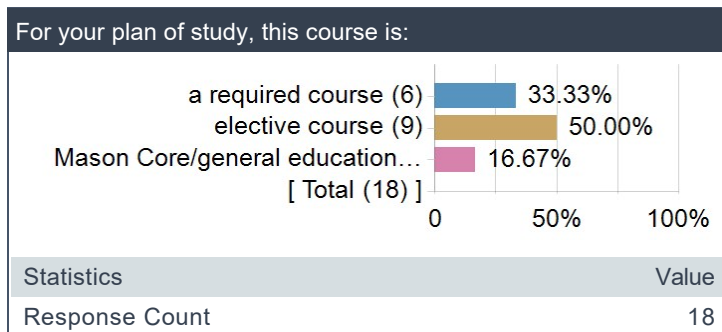
Comments
Liaising with college managements and coming up with a platform or resources that can be utilized by students to implement their project plans or research studies.
Cut a paper or two.
I personally would suggest spending 10–20mins asking questions during the paper review discussion in person.
That's ok
– more interactive work
Nothing for the class. But a little introduction to research in general before we start working on our projects would be very very great. Many of us dont really have a ot of research experience and we struggled a little initially.
NO.
No suggestion
This format at this level of graduate coursework is excellent. I would not change anything.
Besides reading more papers, I think getting started on the projects a couple weeks earlier would be beneficial.
Lessen the focus on research and put more emphasis on lab–like assignments.
1. This is a matter of opinion, but I dont think I would like to do an open–ended project again. I would prefer working on labs separately or a large project like os 471 (with either a single partner or solo) 2. Nothing else.
– The course was more focused on advanced topics, paper readings and cool ideas discussion, the course can be designed to focus equally on the fundamentals from next time. – As a good alternative to full semester–based project, professor could add mini–projects and assignments focus on foundational concepts. – Just in case some semester–based projects require costly cloud resources, professor can coordinate with either CS department or the cloud service provider to help provide students resources at early stage of the project. This could enhance the dynamic, involvement as well as delivery of the projects.

Student Information

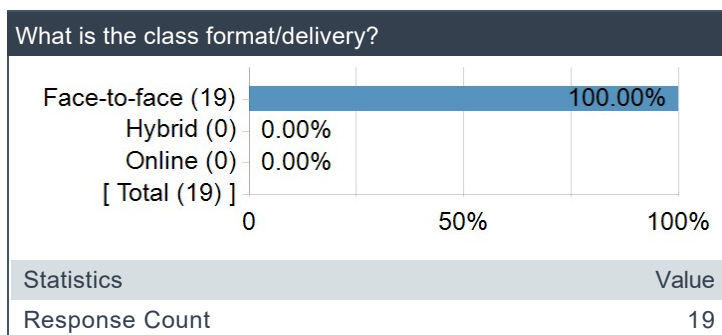
What is your class level?



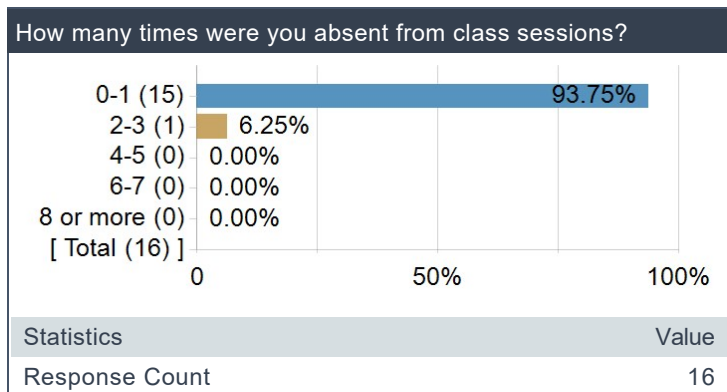
For your plan of study, this course is:



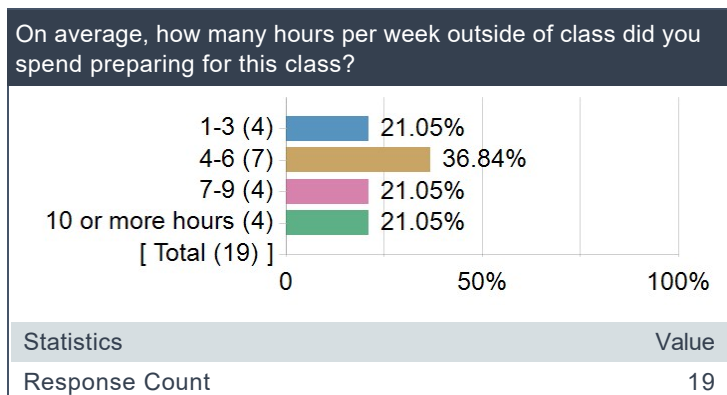
What is the class format/delivery?



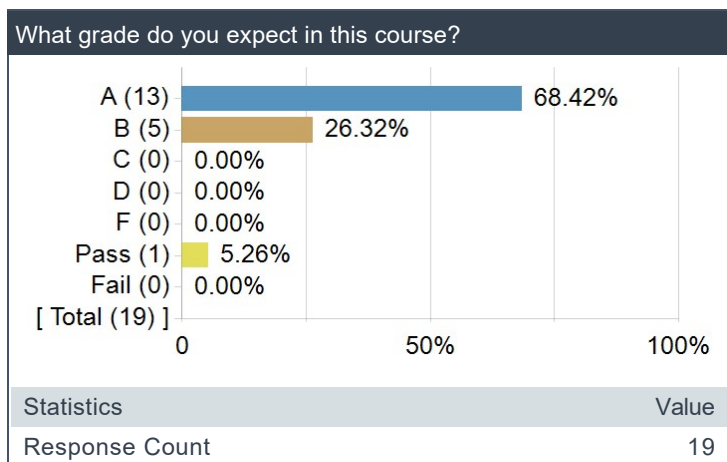
How many times were you absent from class sessions?



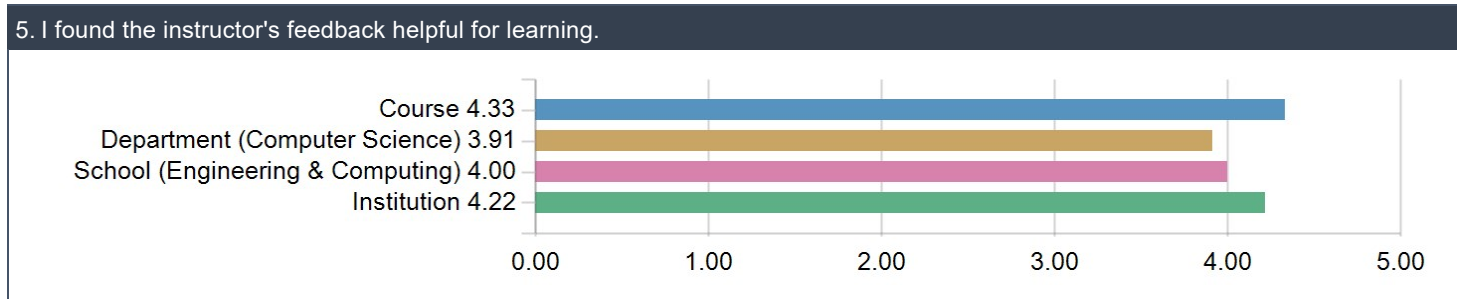
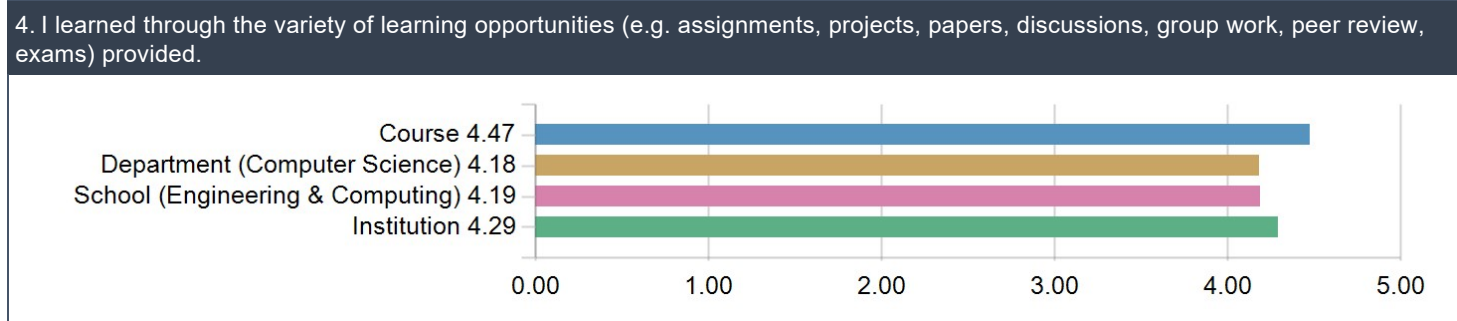
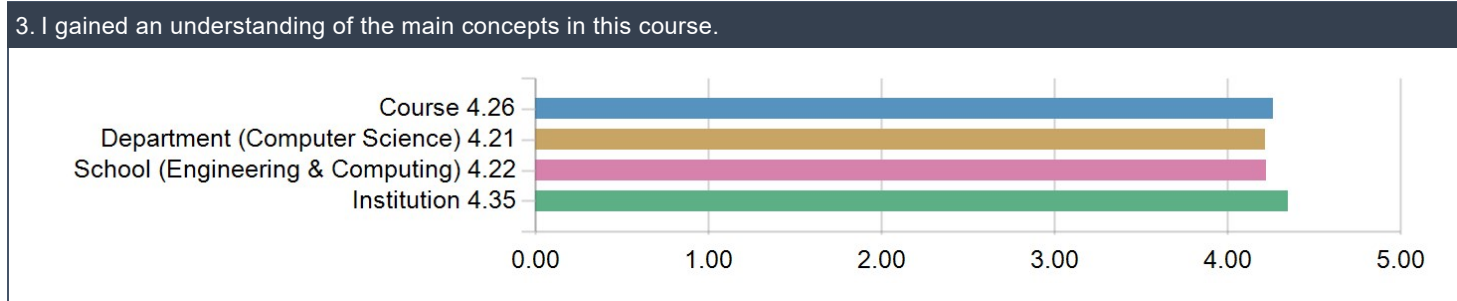
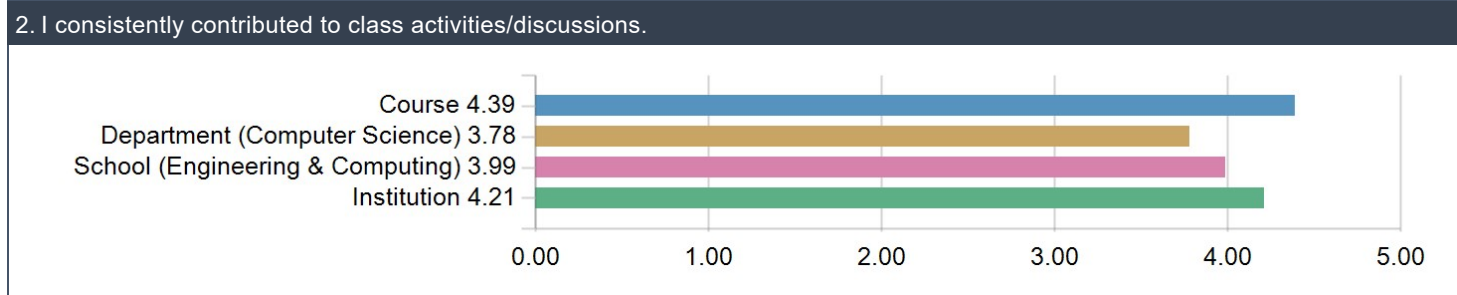
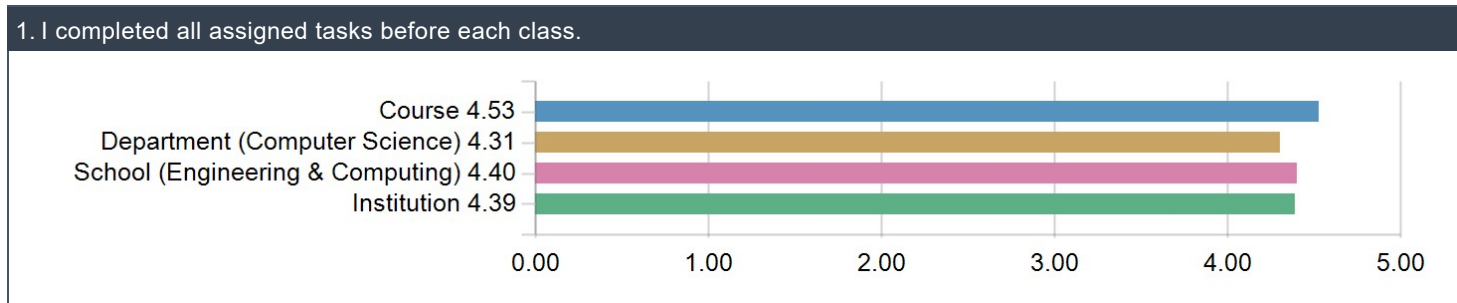
On average, how many hours per week outside of class did you spend preparing for this class?



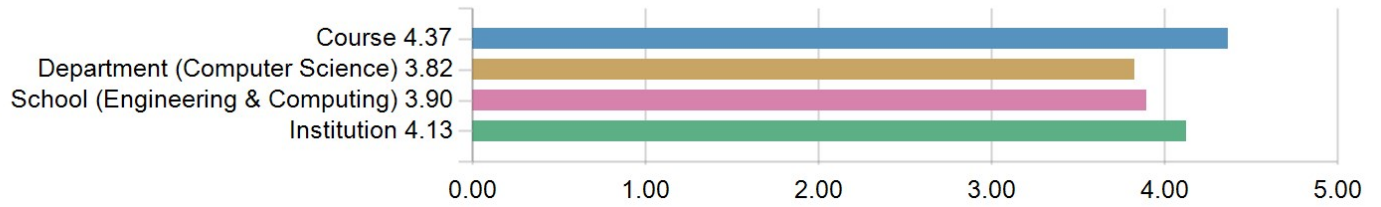
What grade do you expect in this course?



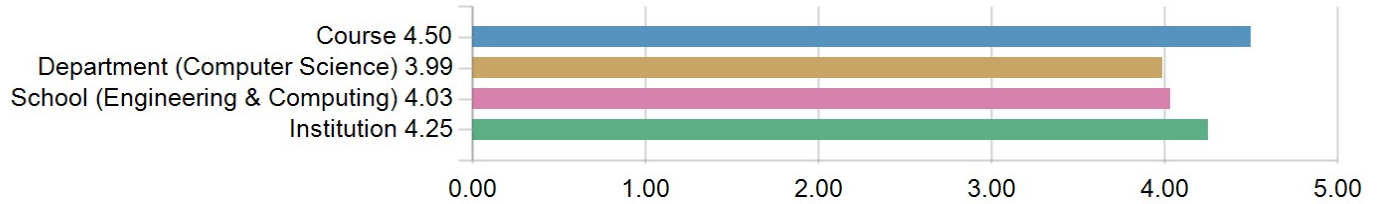
Student Evaluations of Teaching (Q7-Q20) - Chart



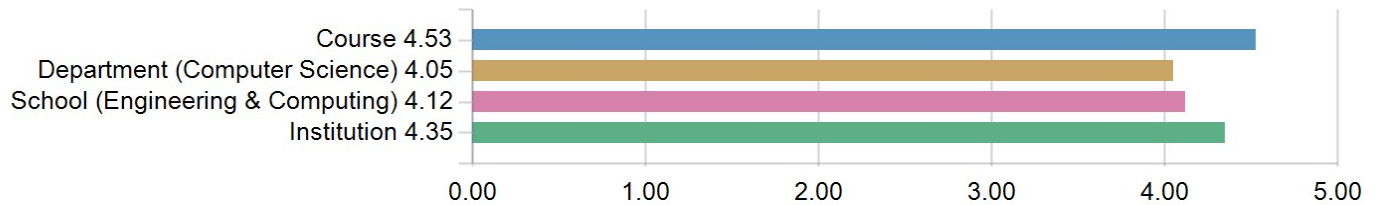
6. I learned due to the instructor's teaching methods/style.



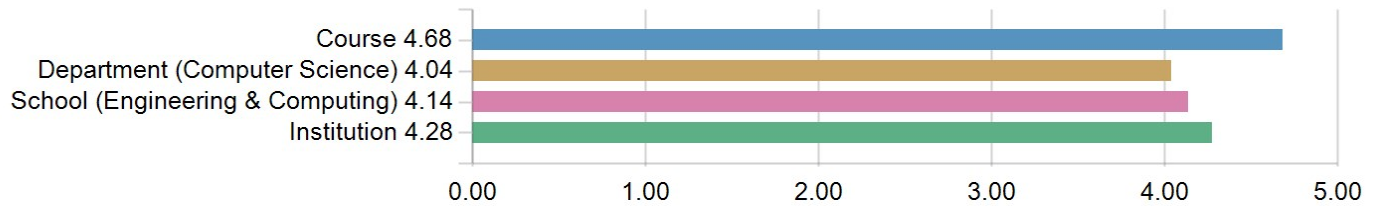
7. The instructor created an environment that facilitated my engagement with course content.



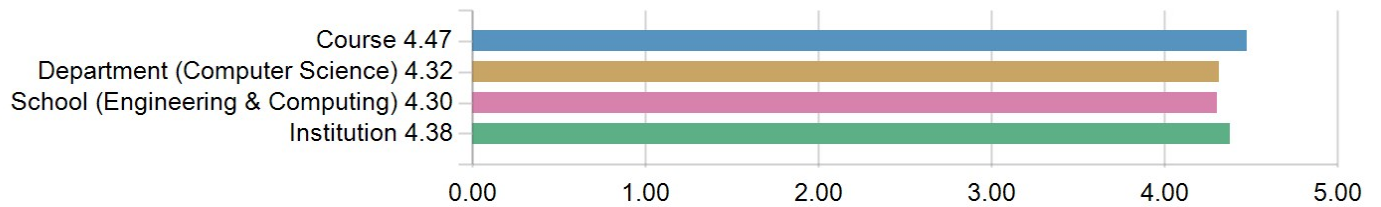
8. The instructor encouraged expression of diverse perspectives.



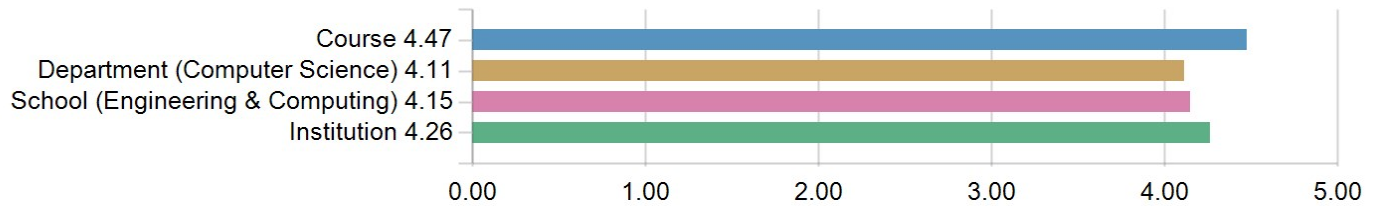
9. The instructor offered opportunities for students to provide feedback on the course.



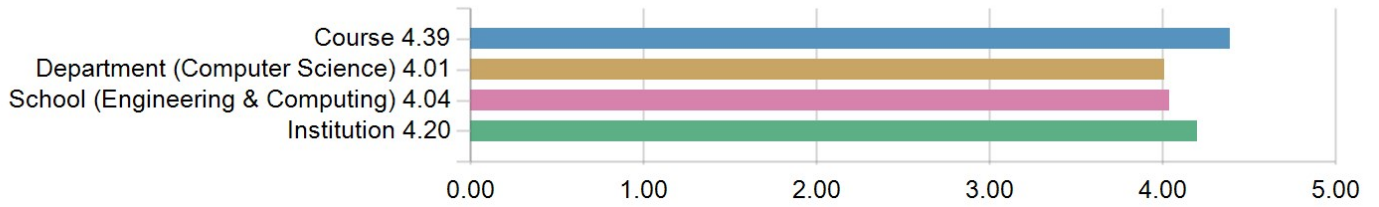
10. The instructor offered opportunities to meet outside of class time, such as virtual or in-person office hours.



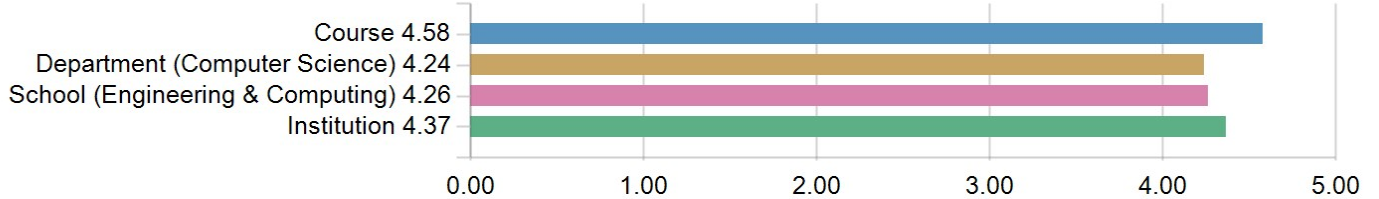
11. The instructor used technologies and/or resources/tools that increased my engagement with course content.



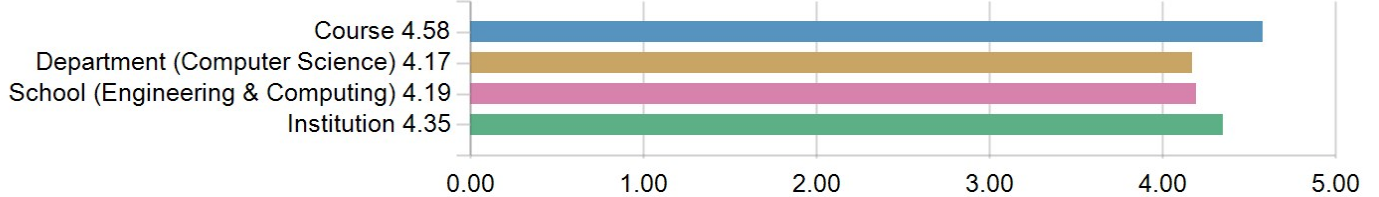
12. The course organization supported my learning.



13. The instructor clearly communicated course requirements to students.



14. The instructor clearly presented the course content.



Student Evaluations of Teaching (Q7-Q20)

	Mean	Median	Min	Max	Resp
I completed all assigned tasks before each class.	4.53	5.00	1.00	5.00	19
I consistently contributed to class activities/discussions.	4.39	4.50	3.00	5.00	18
I gained an understanding of the main concepts in this course.	4.26	5.00	1.00	5.00	19
I learned through the variety of learning opportunities (e.g. assignments, projects, papers, discussions, group work, peer review, exams) provided.	4.47	5.00	1.00	5.00	19
I found the instructor's feedback helpful for learning.	4.33	5.00	1.00	5.00	18
I learned due to the instructor's teaching methods/style.	4.37	5.00	1.00	5.00	19
The instructor created an environment that facilitated my engagement with course content.	4.50	5.00	1.00	5.00	18
The instructor encouraged expression of diverse perspectives.	4.53	5.00	1.00	5.00	19
The instructor offered opportunities for students to provide feedback on the course.	4.68	5.00	1.00	5.00	19
The instructor offered opportunities to meet outside of class time, such as virtual or in-person office hours.	4.47	5.00	1.00	5.00	19
The instructor used technologies and/or resources/tools that increased my engagement with course content.	4.47	5.00	1.00	5.00	19
The course organization supported my learning.	4.39	5.00	1.00	5.00	18
The instructor clearly communicated course requirements to students.	4.58	5.00	1.00	5.00	19
The instructor clearly presented the course content.	4.58	5.00	1.00	5.00	19