

Columbia University: School of Engineering
Fall 2024 SEAS Final Evaluation

Course: COMSW4995_004_2024_3 - ADVANCED SYSTEMS PROGRAMMING-COMSW4995_004_2024_3 - TOPICS IN COMPUTER SCIENCE

Instructor: Jae Lee,Hans Montero *

TA: Brennan McManus,Shreya Somayajula,Annie Wang

Response Rate: 11/22 (50.00 %)

1 - Course: Amount Learned						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%		4.91	
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	1	9.09%	█		
Excellent	(5)	10	90.91%	██████████		
				0 25 50 100	Question	
Response Rate		Mean		STD		Median
11/22 (50.00%)		4.91		0.30		5.00

2 - Course: Appropriateness of Workload						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%		4.27	
Fair	(2)	2	18.18%	██		
Good	(3)	1	9.09%	█		
Very Good	(4)	0	0.00%			
Excellent	(5)	8	72.73%	██████████		
				0 25 50 100	Question	
Response Rate		Mean		STD		Median
11/22 (50.00%)		4.27		1.27		5.00

3 - Course: Fairness of Grading Process						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%		4.45	
Fair	(2)	1	9.09%	█		
Good	(3)	1	9.09%	█		
Very Good	(4)	1	9.09%	█		
Excellent	(5)	8	72.73%	██████████		
				0 25 50 100	Question	
Response Rate		Mean		STD		Median
11/22 (50.00%)		4.45		1.04		5.00

4 - Course: Overall Quality						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%		4.82	
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	2	18.18%	██		
Excellent	(5)	9	81.82%	██████████		
				0 25 50 100	Question	
Response Rate		Mean		STD		Median
11/22 (50.00%)		4.82		0.40		5.00

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TA: Brennan McManus,Shreya Somayajula,Annie Wang

Response Rate: 11/22 (50.00 %)

5 - Enter any additional comments here

Response Rate 5/22 (22.73%)

- Some homeworks felt excessive -- I think I would have benefitted from having less "parts" (i.e. pt1 - pt5) and putting more time towards the essential parts. One example would be HW5 where I felt the looming of parts 4 and 5 maybe took away from 1-3, and HW1 where I felt, actually, part 3 and 4 where more essential than parts 1 and 2.
- I'm definitely biased, but I really loved ASP! It is one of the most challenging classes I've taken at this school, but I really learned so much. If you are looking into taking OS (COMS 4118) and have some time before you wanna take that class, you definitely should take ASP before it.
- workload is heavier than AP but manageable
- This was a fun systems class that wasn't as stressful and intensive as OS, but still easy to learn a lot. I really enjoyed the assignments for ASP, which felt very well designed, organized, and connected to lecture concepts!
- I really like the materials in this course! I love how Hans and Jae try to draw connections to OS components. I first took an OS course and then came back for ASP, and I still learned a lot. I think the coolest homework assignments are HW 2, 3, and 4. They are well-designed and taught me important system design principles, especially the last part of Cowchat. I feel there's potential for improvement by more heavily introducing performance measurement in the lectures and homework. For example: Which IPC mechanisms are more lightweight or heavy? What's the most costly synchronization method? How does container performance compare to that of a VM? I think setting up the overall idea of back-of-the-envelope calculations is also very important. Thank you!

6 - Instructor: Organization and Preparation

Hans Montero

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Poor	(1)	0	0.00%			Instructor	
Fair	(2)	0	0.00%				
Good	(3)	0	0.00%				
Very Good	(4)	0	0.00%				
Excellent	(5)	11	100.00%				
				0 25 50 100			
Response Rate				Mean	STD	Median	
11/22 (50.00%)				5.00	0.00	5.00	

7 - Instructor: Classroom Delivery

Hans Montero

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Poor	(1)	0	0.00%			Instructor	
Fair	(2)	0	0.00%				
Good	(3)	0	0.00%				
Very Good	(4)	1	9.09%				
Excellent	(5)	10	90.91%				
				0 25 50 100			
Response Rate				Mean	STD	Median	
11/22 (50.00%)				4.91	0.30	5.00	

8 - Instructor: Approachability

Hans Montero

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Poor	(1)	0	0.00%			Instructor	
Fair	(2)	0	0.00%				
Good	(3)	0	0.00%				
Very Good	(4)	1	9.09%				
Excellent	(5)	10	90.91%				
				0 25 50 100			
Response Rate				Mean	STD	Median	
11/22 (50.00%)				4.91	0.30	5.00	

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Instructor: Jae Lee,Hans Montero *

TA: Brennan McManus,Shreya Somayajula,Annie Wang

Response Rate: 11/22 (50.00 %)

9 - Instructor: Overall Quality									
Hans Montero									
Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%						
Fair	(2)	0	0.00%						
Good	(3)	0	0.00%						
Very Good	(4)	0	0.00%						
Excellent	(5)	11	100.00%						
Response Rate				Mean	STD	Median			
11/22 (50.00%)				5.00	0.00	5.00			

10 - Would you nominate this professor for the SEAS Distinguished Faculty Award?									
Hans Montero									
Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Yes	(1)	2	28.57%						
No	(2)	5	71.43%						
Response Rate				Mean	STD	Median			
7/22 (31.82%)				1.71	0.49	2.00			

11 - If so, please explain why									
Hans Montero									
Response Rate		1/22 (4.55%)							
• very approachable and engaging									

12 - Overall Quality									
Annie Wang									
Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%						
Fair	(2)	0	0.00%						
Good	(3)	0	0.00%						
Very Good	(4)	0	0.00%						
Excellent	(5)	3	100.00%						
Response Rate				Mean	STD	Median			
3/22 (13.64%)				5.00	0.00	5.00			

12 - Overall Quality									
Brennan McManus									
Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Poor	(1)	0	0.00%						
Fair	(2)	0	0.00%						
Good	(3)	0	0.00%						
Very Good	(4)	0	0.00%						
Excellent	(5)	8	100.00%						
Response Rate				Mean	STD	Median			
8/22 (36.36%)				5.00	0.00	5.00			

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Fall 2024 SEAS Final Evaluation

Course: COMSW4995_004_2024_3 - ADVANCED SYSTEMS PROGRAMMING-COMSW4995_004_2024_3 - TOPICS IN COMPUTER SCIENCE

Instructor: Jae Lee *, Hans Montero

TA: Brennan McManus, Shreya Somayajula, Annie Wang

Response Rate: 11/22 (50.00 %)

5 - Enter any additional comments here

Response Rate 5/22 (22.73%)

- Some homeworks felt excessive -- I think I would have benefitted from having less "parts" (i.e. pt1 - pt5) and putting more time towards the essential parts. One example would be HW5 where I felt the looming of parts 4 and 5 maybe took away from 1-3, and HW1 where I felt, actually, part 3 and 4 where more essential than parts 1 and 2.
- I'm definitely biased, but I really loved ASP! It is one of the most challenging classes I've taken at this school, but I really learned so much. If you are looking into taking OS (COMS 4118) and have some time before you wanna take that class, you definitely should take ASP before it.
- workload is heavier than AP but manageable
- This was a fun systems class that wasn't as stressful and intensive as OS, but still easy to learn a lot. I really enjoyed the assignments for ASP, which felt very well designed, organized, and connected to lecture concepts!
- I really like the materials in this course! I love how Hans and Jae try to draw connections to OS components. I first took an OS course and then came back for ASP, and I still learned a lot. I think the coolest homework assignments are HW 2, 3, and 4. They are well-designed and taught me important system design principles, especially the last part of Cowchat. I feel there's potential for improvement by more heavily introducing performance measurement in the lectures and homework. For example: Which IPC mechanisms are more lightweight or heavy? What's the most costly synchronization method? How does container performance compare to that of a VM? I think setting up the overall idea of back-of-the-envelope calculations is also very important. Thank you!

6 - Instructor: Organization and Preparation

Jae Lee

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Poor	(1)	0	0.00%		5.00	Instructor	
Fair	(2)	0	0.00%				
Good	(3)	0	0.00%				
Very Good	(4)	0	0.00%				
Excellent	(5)	10	100.00%				
				0 25 50 100			
Response Rate				Mean	STD	Median	
10/22 (45.45%)				5.00	0.00	5.00	

7 - Instructor: Classroom Delivery

Jae Lee

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Poor	(1)	0	0.00%		5.00	Instructor	
Fair	(2)	0	0.00%				
Good	(3)	0	0.00%				
Very Good	(4)	0	0.00%				
Excellent	(5)	10	100.00%				
				0 25 50 100			
Response Rate				Mean	STD	Median	
10/22 (45.45%)				5.00	0.00	5.00	

8 - Instructor: Approachability

Jae Lee

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Poor	(1)	0	0.00%		4.80	Instructor	
Fair	(2)	0	0.00%				
Good	(3)	1	10.00%				
Very Good	(4)	0	0.00%				
Excellent	(5)	9	90.00%				
				0 25 50 100			
Response Rate				Mean	STD	Median	
10/22 (45.45%)				4.80	0.63	5.00	

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Instructor: Jae Lee *, Hans Montero

TA: Brennan McManus, Shreya Somayajula, Annie Wang

Response Rate: 11/22 (50.00 %)

9 - Instructor: Overall Quality						
Jae Lee						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	10	100.00%			
Response Rate				Mean	STD	Median
10/22 (45.45%)				5.00	0.00	5.00

10 - Would you nominate this professor for the SEAS Distinguished Faculty Award?						
Jae Lee						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Yes	(1)	2	33.33%			
No	(2)	4	66.67%			
Response Rate				Mean	STD	Median
6/22 (27.27%)				1.67	0.52	2.00

11 - If so, please explain why	
Jae Lee	
Response Rate	1/22 (4.55%)
• Jae is the best! His attention to details is amazing.	

12 - Overall Quality						
Annie Wang						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	3	100.00%			
Response Rate				Mean	STD	Median
3/22 (13.64%)				5.00	0.00	5.00

12 - Overall Quality						
Brennan McManus						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	8	100.00%			
Response Rate				Mean	STD	Median
8/22 (36.36%)				5.00	0.00	5.00

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Instructor: Jae Lee,Hans Montero *

TA: Brennan McManus,Shreya Somayajula,Annie Wang

Response Rate: 11/22 (50.00 %)

12 - Overall Quality						
Shreya Somayajula						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	4	100.00%			
Response Rate				Mean	STD	Median
4/22 (18.18%)				5.00	0.00	5.00

12 - Overall Quality						
Annie Wang, Brennan McManus, Shreya Somayajula						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	15	100.00%			
Response Rate				Mean	STD	Median
				5.00	0.00	5.00

13 - Knowledgeability						
Annie Wang						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	3	100.00%			
Response Rate				Mean	STD	Median
3/22 (13.64%)				5.00	0.00	5.00

13 - Knowledgeability						
Brennan McManus						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	8	100.00%			
Response Rate				Mean	STD	Median
8/22 (36.36%)				5.00	0.00	5.00

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Course: COMSW4995_004_2024_3 - ADVANCED SYSTEMS PROGRAMMING-COMSW4995_004_2024_3 - TOPICS IN COMPUTER SCIENCE

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TA: Brennan McManus,Shreya Somayajula,Annie Wang

Response Rate: 11/22 (50.00 %)

13 - Knowledgeability						
Shreya Somayajula						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%		5.00	
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	4	100.00%			
Response Rate				Mean	STD	Median
4/22 (18.18%)				5.00	0.00	5.00

13 - Knowledgeability						
Annie Wang, Brennan McManus, Shreya Somayajula						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%		5.00	
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	15	100.00%			
Response Rate				Mean	STD	Median
				5.00	0.00	5.00

14 - Approachability						
Annie Wang						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%		5.00	
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	3	100.00%			
Response Rate				Mean	STD	Median
3/22 (13.64%)				5.00	0.00	5.00

14 - Approachability						
Brennan McManus						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%		5.00	
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	8	100.00%			
Response Rate				Mean	STD	Median
8/22 (36.36%)				5.00	0.00	5.00

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Instructor: Jae Lee,Hans Montero *

TA: Brennan McManus,Shreya Somayajula,Annie Wang

Response Rate: 11/22 (50.00 %)

14 - Approachability						
Shreya Somayajula						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	4	100.00%			
Response Rate				Mean	STD	Median
4/22 (18.18%)				5.00	0.00	5.00

14 - Approachability						
Annie Wang, Brennan McManus, Shreya Somayajula						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	15	100.00%			
Response Rate				Mean	STD	Median
				5.00	0.00	5.00

15 - Availability						
Annie Wang						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	3	100.00%			
Response Rate				Mean	STD	Median
3/22 (13.64%)				5.00	0.00	5.00

15 - Availability						
Brennan McManus						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	8	100.00%			
Response Rate				Mean	STD	Median
8/22 (36.36%)				5.00	0.00	5.00

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Response Rate: 11/22 (50.00 %)

15 - Availability						
Shreya Somayajula						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	4	100.00%			
Response Rate				Mean	STD	Median
4/22 (18.18%)				5.00	0.00	5.00

15 - Availability						
Annie Wang, Brennan McManus, Shreya Somayajula						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	15	100.00%			
Response Rate				Mean	STD	Median
				5.00	0.00	5.00

16 - Communication						
Annie Wang						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	3	100.00%			
Response Rate				Mean	STD	Median
3/22 (13.64%)				5.00	0.00	5.00

16 - Communication						
Brennan McManus						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	8	100.00%			
Response Rate				Mean	STD	Median
8/22 (36.36%)				5.00	0.00	5.00

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16 - Communication						
Shreya Somayajula						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	4	100.00%			
Response Rate				Mean	STD	Median
4/22 (18.18%)				5.00	0.00	5.00

16 - Communication						
Annie Wang, Brennan McManus, Shreya Somayajula						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Poor	(1)	0	0.00%			
Fair	(2)	0	0.00%			
Good	(3)	0	0.00%			
Very Good	(4)	0	0.00%			
Excellent	(5)	15	100.00%			
Response Rate				Mean	STD	Median
				5.00	0.00	5.00

17 - Does this TA communicate effectively in English?						
Annie Wang						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Yes	(1)	3	100.00%			
No	(2)	0	0.00%			
N/A	(3)	0	0.00%			
Response Rate				Mean	STD	Median
3/22 (13.64%)				1.00	0.00	1.00

17 - Does this TA communicate effectively in English?						
Brennan McManus						
Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Yes	(1)	8	100.00%			
No	(2)	0	0.00%			
N/A	(3)	0	0.00%			
Response Rate				Mean	STD	Median
8/22 (36.36%)				1.00	0.00	1.00

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Response Rate: 11/22 (50.00 %)

17 - Does this TA communicate effectively in English?

Shreya Somayajula

Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Yes	(1)	4	100.00%		1.00	
No	(2)	0	0.00%			
N/A	(3)	0	0.00%			
				0 25 50 100	TA	
Response Rate				Mean	STD	Median
4/22 (18.18%)				1.00	0.00	1.00

17 - Does this TA communicate effectively in English?

Annie Wang, Brennan McManus, Shreya Somayajula

Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Yes	(1)	15	100.00%		1.00	
No	(2)	0	0.00%			
N/A	(3)	0	0.00%			
				0 25 50 100	TA	
Response Rate				Mean	STD	Median
				1.00	0.00	1.00

18 - Comments

Annie Wang

Response Rate 2/22 (9.09%)

- very responsible and caring
- Annie is an excellent TA, and I believe she should have more confidence in her abilities!

18 - Comments

Brennan McManus

Response Rate 0/22 (0%)

18 - Comments

Shreya Somayajula

Response Rate 0/22 (0%)

18 - Comments

Annie Wang, Brennan McManus, Shreya Somayajula

Response Rate

- very responsible and caring
- Annie is an excellent TA, and I believe she should have more confidence in her abilities!