

Stanford University

Winter 2024 Section Feedback

Course: W24-CHEMENG-110B-01: MULTI-COMP & MULTI-PHAS THERMO
Instructor: Aditya Shah *
Response Rate: 11/14 (78.57 %)

1 - In what way did you interact with this instructor most?

Aditya Shah

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
In section meetings	(1)	4	36.36%	<div><div></div></div>				
In lab	(2)	0	0.00%					
During office hours	(3)	5	45.45%	<div><div></div></div>				
Via a class website	(4)	0	0.00%					
Email	(5)	0	0.00%					
In class	(6)	2	18.18%	<div><div></div></div>				
Other	(7)	0	0.00%					
				0 25 50 100				
Response Rate								
					11/14 (78.57%)			

2 - During the quarter, about how many hours on average per week did you interact with this instructor in section, class, lab, office hours, and other meetings?

Aditya Shah

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
1	(1)	1	10.00%	<div><div></div></div>	<div>2.90</div>			
2	(2)	4	40.00%	<div><div></div></div>				
3	(3)	3	30.00%	<div><div></div></div>				
4	(4)	1	10.00%	<div><div></div></div>				
7	(7)	1	10.00%	<div><div></div></div>				
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
10/14 (71.43%)				2.90	1.66	2.50		

3 - How much did you learn from this instructor?

Aditya Shah

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
A great deal	(5)	6	54.55%	<div><div></div></div>	<div>4.55</div>			
A lot	(4)	5	45.45%	<div><div></div></div>				
A moderate amount	(3)	0	0.00%					
A little	(2)	0	0.00%					
Nothing	(1)	0	0.00%					
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
11/14 (78.57%)				4.55	0.52	5.00		

4 - Overall, how effective was the instruction you received from this instructor?

Aditya Shah

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Extremely effective	(5)	5	45.45%	<div><div></div></div>	<div>4.45</div>			
Very effective	(4)	6	54.55%	<div><div></div></div>				
Moderately effective	(3)	0	0.00%					
Slightly effective	(2)	0	0.00%					
Not effective at all	(1)	0	0.00%					
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
11/14 (78.57%)				4.45	0.52	4.00		

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5 - What skills or knowledge did you learn or improve from this instructor?

Aditya Shah

Response Rate 7/14 (50%)

- I learned how to solve, set-up, and think about problems for thermodynamic systems
- Stat mech, IMFs, residuals, activity, and rxnx
- Helpful mathematical approaches to learning thermo
- I learned about phase equilibria and non-ideal mixtures.
- Learned how to apply a lot of what we learned in lecture.
- more intuition based thinking on physical systems and applications of what was learned
- Aditya taught me, and the rest of the class, a lot about how to apply concepts from class to problems. The problems he created were interesting and creative, often relating thermodynamic concepts to real-world scenarios.

6 - What aspects of this instructor's teaching were most helpful to you?

Aditya Shah

Response Rate 10/14 (71.43%)

- Kind, explains all parts of the problem, very understandings
- Office hours very helpful.
- How approachable he was and how he was so receptive to student feedback
- Aspect 1: Adi was super cognizant of different learning styles and ensures that everyone is following the material he covers in office hour. Aspect 2: Adi was incredibly fair, making sure that people were never penalized in instances where material was presented in an unclear manner. Aspect 3: Adi was also great at breaking down complicated subjects into tangible chunks, clearly explaining his reasoning and motivations with each conclusion he reached.
- Aspect 1: clear communicator Aspect 2: demonstrates his care for the students and their progress Aspect 3: straightforward / honest
- Patient, Attentive, Nice
- Going over the weekly quizzes was really helpful in preparation for midterms. The final review session was also very helpful to summarize all the topics we learned. Adi was also very prompt in replying on Ed and his responses were very helpful.
- The review session was very helpful. I enjoyed the applications in our exam questions, and especially on the final it was nice to have short descriptions to avoid confusion, while still being able to get some intuition and learning from the situations described in the prompts. Conceptual questions were well-formed and relevant, and I enjoyed seeing more philosophical considerations as well, instead of just math. The instructor was also understanding of confusion and stress around coursework.
- Aspect 1: questions being linked to real world contexts was very interesting and helped to contextualize why what we learned matters Aspect 2: the emphasis on understanding concepts conceptually felt much more interesting and engaging compared to grinding out calculations Aspect 3: was very accommodating with deadlines and general class organization (OH times) which helped to offload some of the stress of the class
- Working through examples during section was very helpful. Aditya tried to instill understanding from an intuitive / conceptual level, which I found to be very powerful when working on assignments and during tests.

7 - How can this instructor's teaching be improved?

Aditya Shah

Response Rate 9/14 (64.29%)

- Proofread problems that he writes
- Would like to receive more review during section. Did not feel it really contributed to my learning.
- perhaps speak a little bit louder; otherwise, adi was great.
- Aspect 1: Nothing Aspect 2: Nothing, for emphasis Aspect 3: maybe if he could go back in time and correct Jian that one time he drew the wrong graph during lecture that could help
- Could do more prep work to be better prepared for student's questions
- It would be nice if announcements were posted on canvas instead of Ed. Adi was an amazing TA!
- It might have been nice to have office hour notes posted for those who cannot make it, as the homework sometimes felt a little disconnected since we did not talk about it or go over it too much in discussion or lecture.
- Aspect 1: although most questions in exams and quizzes felt fine, sometimes it felt as if it took an unintuitive direction from what students would typically go towards - while not trick questions it did make it difficult to actually get right Aspect 2: while not an improvement but just emphasis on review sessions for exams being very helpful
- Checking over class assignments (quizzes, homeworks, exams) for possible errors before implementing them. There were a few errors that, while not detrimental to class grades, caused unnecessary stress and time wasted.

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8 - How effective was this instructor in leading discussion sections?

Aditya Shah

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Extremely effective	(5)	7	63.64%	<div><div></div></div>	<div><div></div></div>	4.64		
Very effective	(4)	4	36.36%	<div><div></div></div>				
Moderately effective	(3)	0	0.00%	<div><div></div></div>				
Slightly effective	(2)	0	0.00%	<div><div></div></div>				
Not effective at all	(1)	0	0.00%	<div><div></div></div>				
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
11/14 (78.57%)				4.64	0.50	5.00		

9 - How effective was this instructor in leading office hours?

Aditya Shah

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Extremely effective	(5)	8	80.00%	<div><div></div></div>	<div><div></div></div>	4.80		
Very effective	(4)	2	20.00%	<div><div></div></div>				
Moderately effective	(3)	0	0.00%	<div><div></div></div>				
Slightly effective	(2)	0	0.00%	<div><div></div></div>				
Not effective at all	(1)	0	0.00%	<div><div></div></div>				
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
10/14 (71.43%)				4.80	0.42	5.00		

10 - How clearly did this instructor answer questions?

Aditya Shah

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Extremely clearly	(5)	7	70.00%	<div><div></div></div>	<div><div></div></div>	4.70		
Very clearly	(4)	3	30.00%	<div><div></div></div>				
Moderately clearly	(3)	0	0.00%	<div><div></div></div>				
Slightly clearly	(2)	0	0.00%	<div><div></div></div>				
Not clearly at all	(1)	0	0.00%	<div><div></div></div>				
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
10/14 (71.43%)				4.70	0.48	5.00		

11 - How appropriate to your level of understanding were this instructor's explanations?

Aditya Shah

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Extremely appropriate	(5)	7	70.00%	<div><div></div></div>	<div><div></div></div>	4.70		
Very appropriate	(4)	3	30.00%	<div><div></div></div>				
Moderately appropriate	(3)	0	0.00%	<div><div></div></div>				
Slightly appropriate	(2)	0	0.00%	<div><div></div></div>				
Not appropriate at all	(1)	0	0.00%	<div><div></div></div>				
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
10/14 (71.43%)				4.70	0.48	5.00		

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12 - How engaging was this instructor in section meetings?

Aditya Shah

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Extremely engaging	(5)	6	54.55%	<div><div></div></div>	<div><div></div></div>	4.55		
Very engaging	(4)	5	45.45%	<div><div></div></div>				
Moderately engaging	(3)	0	0.00%	<div><div></div></div>				
Slightly engaging	(2)	0	0.00%	<div><div></div></div>				
Not engaging at all	(1)	0	0.00%	<div><div></div></div>				
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
11/14 (78.57%)				4.55	0.52	5.00		

13 - How effective was this instructor in creating a supportive environment for learning?

Aditya Shah

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Extremely effective	(5)	11	100.00%	<div><div></div></div>	<div><div></div></div>	5.00		
Very effective	(4)	0	0.00%	<div><div></div></div>				
Moderately effective	(3)	0	0.00%	<div><div></div></div>				
Slightly effective	(2)	0	0.00%	<div><div></div></div>				
Not effective at all	(1)	0	0.00%	<div><div></div></div>				
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
11/14 (78.57%)				5.00	0.00	5.00		

14 - How effective was this instructor in providing guidance on assignments?

Aditya Shah

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Extremely effective	(5)	9	81.82%	<div><div></div></div>	<div><div></div></div>	4.82		
Very effective	(4)	2	18.18%	<div><div></div></div>				
Moderately effective	(3)	0	0.00%	<div><div></div></div>				
Slightly effective	(2)	0	0.00%	<div><div></div></div>				
Not effective at all	(1)	0	0.00%	<div><div></div></div>				
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
11/14 (78.57%)				4.82	0.40	5.00		

15 - How well did this instructor encourage questions?

Aditya Shah



Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Extremely well	(5)	10	90.91%	<div><div></div></div>	<div><div></div></div>	4.91		
Very well	(4)	1	9.09%	<div><div></div></div>				
Moderately well	(3)	0	0.00%	<div><div></div></div>				
Slightly well	(2)	0	0.00%	<div><div></div></div>				
Not well at all	(1)	0	0.00%	<div><div></div></div>				
				0 25 50 100	Question			
Response Rate				Mean	STD	Median		
11/14 (78.57%)				4.91	0.30	5.00		

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16 - How approachable was this instructor for you?

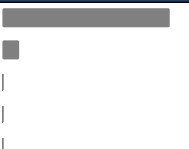

Aditya Shah

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Extremely approachable	(5)	10	90.91%			4.91		
Very approachable	(4)	1	9.09%					
Moderately approachable	(3)	0	0.00%					
Slightly approachable	(2)	0	0.00%					
Not approachable at all	(1)	0	0.00%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
11/14 (78.57%)				4.91		0.30		5.00

17 - This instructor's grading and question writing was fair and thoughtful

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Strongly agree	(5)	6	54.55%			4.45		
Agree	(4)	4	36.36%					
Neither agree nor disagree	(3)	1	9.09%					
Disagree	(2)	0	0.00%					
Strongly disagree	(1)	0	0.00%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
11/14 (78.57%)				4.45		0.69		5.00

18 - This instructor was caring and prioritized students' well-being

Response Option	Weight	Frequency	Percent	Percent Responses	Means			
Strongly agree	(5)	10	90.91%			4.91		
Agree	(4)	1	9.09%					
Neither agree nor disagree	(3)	0	0.00%					
Disagree	(2)	0	0.00%					
Strongly disagree	(1)	0	0.00%					
				0 25 50 100	Question			
Response Rate				Mean		STD		Median
11/14 (78.57%)				4.91		0.30		5.00

19 - If you have any other comments about this instructor's teaching, please let us know here.

Response Rate	4/14 (28.57%)
<ul style="list-style-type: none">• He's doing a good job. He should be re-hired for the following year.• I think what made Adi's teaching most effective was his approachability. I never felt like any question I had was "dumb" and his rapport with the students was fundamental to the healthy learning environment he cultured.• You've been an incredible TA this quarter and have seriously improved my approach to the content. Wishing you all the best, and hope you did well on fluids!• The class was a lot more interesting with the content that was combined in. I really appreciated the effort you made towards the class and hope you continue to teach if you're interested!	