

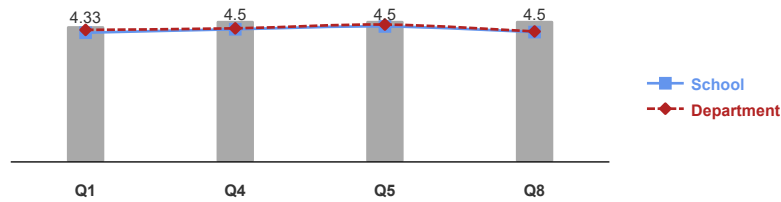
Stanford University

Spring 2024 Course Feedback

Course: Sp24-CEE-306-01: COMPUT FRACTURE MECHANICS
Instructor: Prajwal Kammardi Arunachala *
Response Rate: 12/14 (85.71 %)

At A Glance: Summary Chart

Extremely well
 Very well
 Moderately well
 Slightly well
 Not well at all



Q1 - How well did you achieve the learning goals of this course?
 Q4 - How much did you learn from this course?
 Q5 - Overall, how would you describe the quality of the instruction in this course?
 Q8 - How organized was the course?

1 - How well did you achieve the learning goals of this course?

Response Option				Weight	Frequency	Percent	Percent Responses	Means						
Extremely well				(5)	6	50.00%	<div><div></div><div></div><div></div><div></div><div></div></div>	4.33		4.12		4.21		
Very well				(4)	5	41.67%								
Moderately well				(3)	0	0.00%								
Slightly well				(2)	1	8.33%								
Not well at all				(1)	0	0.00%								
							0	25	50	100	Question	School	Department	
Response Rate		Mean	STD	Median	School		Mean	STD	Median	Department		Mean	STD	Median
12/14 (85.71%)		4.33	0.89	4.50	11096		4.12	0.90	4.00	863		4.21	0.91	4.00

2 - About what percent of the class meetings (including discussions) did you attend in person?

Response Option				Weight	Frequency	Percent	Percent Responses								
65				(65)	1	8.33%	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div>94.58</div><div>71.05</div><div>85.87</div></div>							
75				(75)	1	8.33%									
97				(97)	1	8.33%									
99				(99)	2	16.67%									
100				(100)	7	58.33%									
								0	25	50	100	Question	School	Department	
Response Rate		Mean	STD	Median	School		Mean	STD	Median	Department		Mean	STD	Median	
12/14 (85.71%)		94.58	11.71	100.00	9531		71.05	35.38	90.00	804		85.87	25.90	98.00	

3 - About what percent of the class meetings did you attend online?

Response Option				Weight	Frequency	Percent	Percent Responses							
0				(0)	4	80.00%	<div></div>							
100				(100)	1	20.00%	<div></div>							
								<div>20.00</div>	<div>34.21</div>	<div>19.03</div>				
02550100								Question	School	Department				
Response Rate		Mean	STD	Median	School		Mean	STD	Median	Department		Mean	STD	Median
5/14 (35.71%)		20.00	44.72	0.00	7026		34.21	39.88	10.00	512		19.03	35.08	0.00

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4 - How much did you learn from this course?

Response Option			Weight	Frequency	Percent	Percent Responses	Means									
A great deal			(5)	8	66.67%											
A lot			(4)	3	25.00%											
A moderate amount			(3)	0	0.00%											
A little			(2)	1	8.33%											
Nothing			(1)	0	0.00%											
02550100													Question	School	Department	
Response Rate		Mean	STD	Median	School	Mean	STD	Median	Department	Mean	STD	Median				
12/14 (85.71%)		4.50	0.90	5.00	10296	4.23	0.89	4.00	841	4.26	0.90	5.00				

5 - Overall, how would you describe the quality of the instruction in this course?

Response Option			Weight	Frequency	Percent	Percent Responses	Means								
Excellent			(5)	7	58.33%										
Good			(4)	4	33.33%										
Fair			(3)	1	8.33%										
Poor			(2)	0	0.00%										
Very Poor			(1)	0	0.00%										
02550100												Question	School	Department	
Response Rate		Mean	STD	Median	School	Mean	STD	Median	Department	Mean	STD	Median			
12/14 (85.71%)		4.50	0.67	5.00	10276	4.32	0.87	5.00	840	4.38	0.85	5.00			

6 - What skills or knowledge did you learn or improve?

Response Rate	4/14 (28.57%)
<ul style="list-style-type: none"> Using MOOSE and comprehending the finite element framework for fracture mechanics Learnt about the theory behind fractures in materials. Able to use Moose to carry out the finite element formulations as well as the derivations using index notation. advanced FEM, fracture theory, smeared crack model, very useful MOOSE techniques Coding and wiring ability 	

7 - How many hours per week on average did you spend on this course (including class meetings)?

Response Option				Weight	Frequency	Percent	Percent Responses								
10				(10)	1	9.09%									
12				(12)	1	9.09%									
13				(13)	1	9.09%									
14				(14)	1	9.09%									
18				(18)	1	9.09%									
20				(20)	3	27.27%									
30				(30)	3	27.27%									
								0	25	50	100	Question	School	Department	
Response Rate		Mean	STD	Median	School		Mean	STD	Median	Department		Mean	STD	Median	
11/14 (78.57%)		19.73	7.43	20.00	8837		11.95	9.27	10.00	755		9.25	7.61	8.00	

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8 - How organized was the course?

Response Option				Weight	Frequency	Percent	Percent Responses	Means									
Extremely organized				(5)	7	58.33%		4.50		4.14		4.16					
Very organized				(4)	4	33.33%											
Moderately organized				(3)	1	8.33%											
Slightly organized				(2)	0	0.00%											
Not organized at all				(1)	0	0.00%											
							0	25	50	100	Question		School		Department		
Response Rate		Mean	STD	Median	School		Mean	STD	Median	Department		Mean	STD	Median			
12/14 (85.71%)		4.50	0.67	5.00	9929		4.14	0.90	4.00	820		4.16	0.88	4.00			

9 - What would you like to say about this course to a student who is considering taking it in the future?All comments are subject to Stanford's Terms of Use for Sites. Answers to this question will be viewable by other students, as well as instructors.

Response Rate	5/14 (35.71%)
<ul style="list-style-type: none">• The classes are long (2 hours) and difficult to sit through to truly absorb all of the knowledge. The most I learned was definitely by doing the project. The homeworks are rather difficult as well and will be very time consuming.• Having Prajwal as our course instructor was one of the best decision. The fracture mechanics is one of the most difficult courses I have taken, however, Prajwal was very friendly and helpful in explaining these complex theories. Although difficult, his patience and willingly to stay overtime with quick responses has made me enjoy this course very much. I hope the best for prajwal and hope he could continue to teach this course.• Great course if you want to pursue computational mechanics. The project is extremely helpful if you are to use MOOSE in your future research. The HWs are designed in a way to prepare you for the final project. Excellent instructor team (perhaps once in a lifetime haha).• Course is designed for a PHD level, but required for SEM Masters students, be aware that the work is a lot and the material is difficult• This course is undoubtedly one of the most challenging in CEE. Despite the difficulty, Prajwal was exceptional in his efforts to help us understand the material. He is approachable, dedicated, and consistently went above and beyond, offering additional office hours and spending extra time answering our questions. Prajwal's mastery of the subject matter is evident, and his teaching is clear, organized, and highly effective. Despite being a newly graduated PhD, he is already one of the best instructors I have encountered in my academic journey. His passion for teaching is apparent in his willingness to respond to emails even late at night or on weekends. While the course content is difficult, Prajwal's teaching made it accessible and significantly enhanced our learning experience. He truly cares about his students' success and is an outstanding instructor.	

10 - Would you like to provide any other comments about this course?

Response Rate	4/14 (28.57%)
<ul style="list-style-type: none">• I think a lot of the information could be condensed and not require discussing in such great detail. Especially when it isn't applicable in the homework• Na.• Perfect course• This course is undoubtedly one of the most challenging in CEE. Despite the difficulty, Prajwal was exceptional in his efforts to help us understand the material. He is approachable, dedicated, and consistently went above and beyond, offering additional office hours and spending extra time answering our questions. Prajwal's mastery of the subject matter is evident, and his teaching is clear, organized, and highly effective. Despite being a newly graduated PhD, he is already one of the best instructors I have encountered in my academic journey. His passion for teaching is apparent in his willingness to respond to emails even late at night or on weekends. While the course content is difficult, Prajwal's teaching made it accessible and significantly enhanced our learning experience. He truly cares about his students' success and is an outstanding instructor.	

Mean of Means Calculations	Mean	School	Department	
Mean of Means	4.46	4.20	4.25	