

SOLID MECHANICS

F19-CEE-291-01

Instructor: Prajwal Kammardi Arunachala *

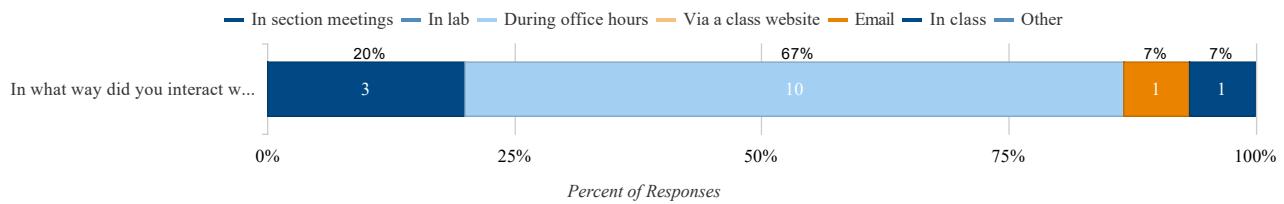
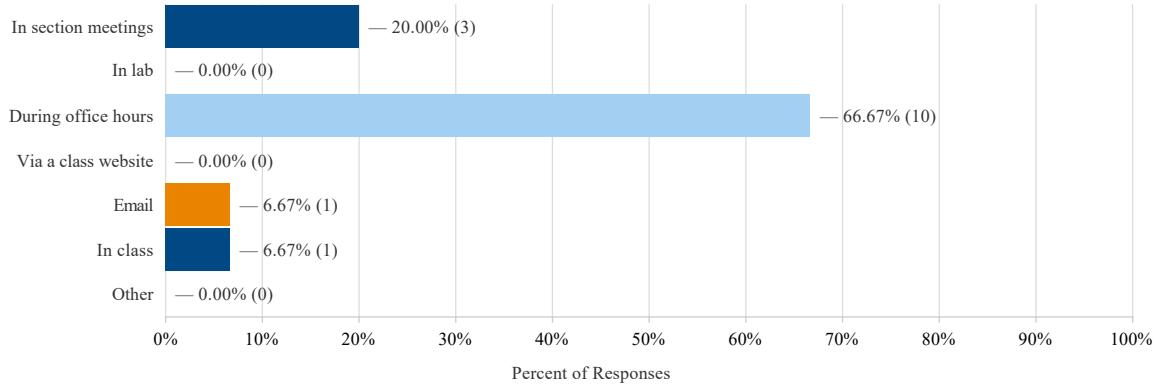
Enrollment: 16

Responses Incl Declines: 15

Declines: 0

Response Rate: 93.75

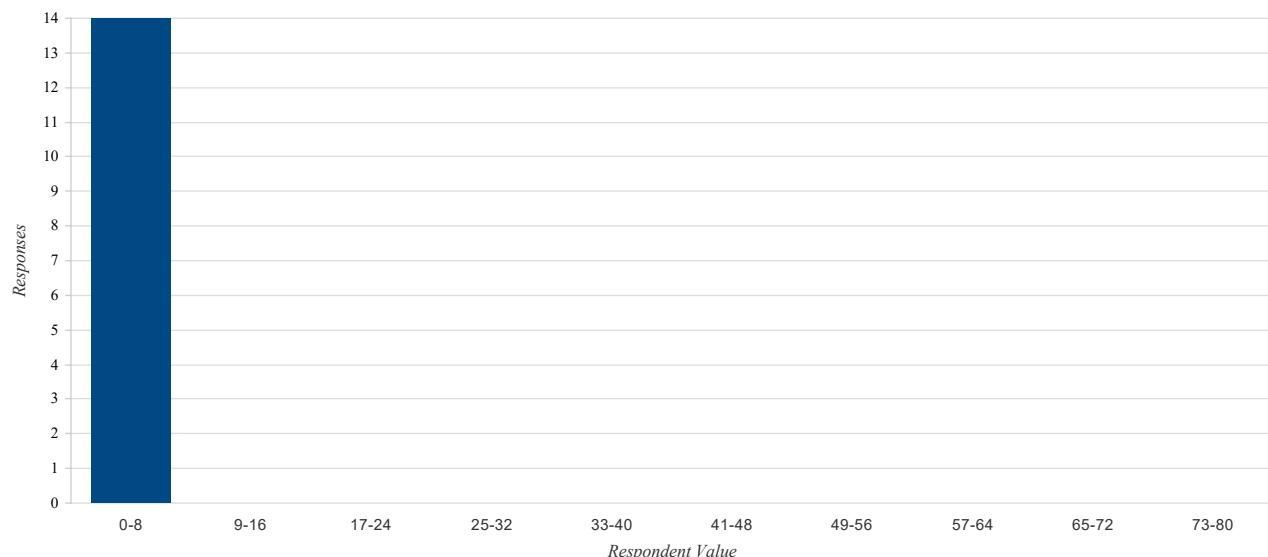
In what way did you interact with this instructor most?



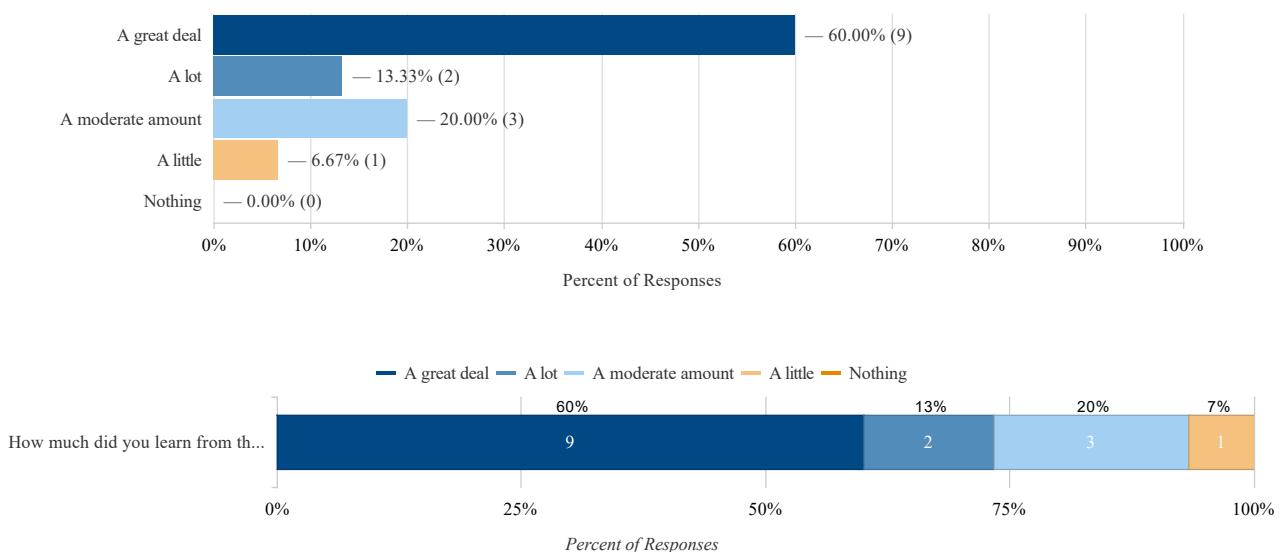
Question	Number of Responses	Response Rate	1	2	3	4	5	6	7
In what way did you interact with this instructor most?	15	94%	20%	0%	67%	0%	7%	7%	0%

Note: 1: In section meetings; 2: In lab; 3: During office hours; 4: Via a class website; 5: Email; 6: In class; 7: Other

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?



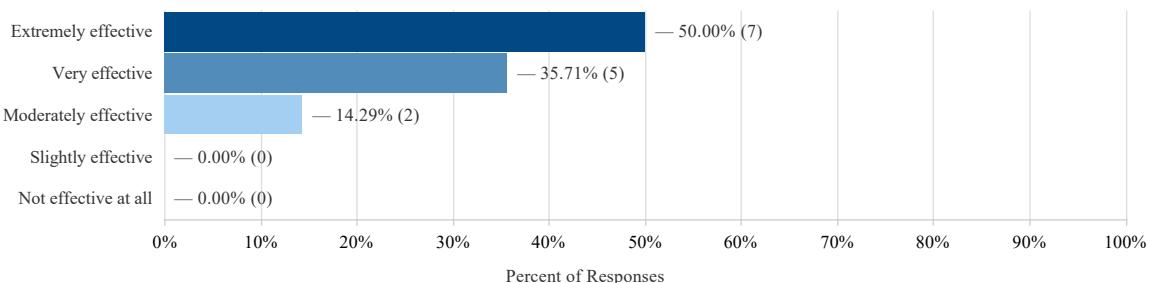
How much did you learn from this instructor?



Question	Number of Responses	Response Rate	Course Mean	Course Median	STDEV	5	4	3	2	1
How much did you learn from this instructor?	15	94%	4.27	5.00	1.03	60%	13%	20%	7%	0%

Note: 5: A great deal; 4: A lot; 3: A moderate amount; 2: A little; 1: Nothing

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



Question	Number of Responses	Response Rate	Course Mean	Course Median	STDEV	5	4	3	2	1
Overall, how effective was the instruction you received from this instructor?	14	88%	4.36	4.50	0.74	50%	36%	14%	0%	0%

Note: 5: Extremely effective; 4: Very effective; 3: Moderately effective; 2: Slightly effective; 1: Not effective at all

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

(9 comments)

1. How to understand the material presented in class and in the lecture notes.
2. tensor algebra, and index notations
3. tensor notation, debugging Julia code
4. everything about fem in the homework
5. Julia coding
6. learning every knowledge comprehensively
7. Prajwal helped facilitate my learning of pretty much all of the concepts throughout this course.
8. A lot.
9. How to analyze the julia code and how to utilize tensor theory.

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

(10 comments)

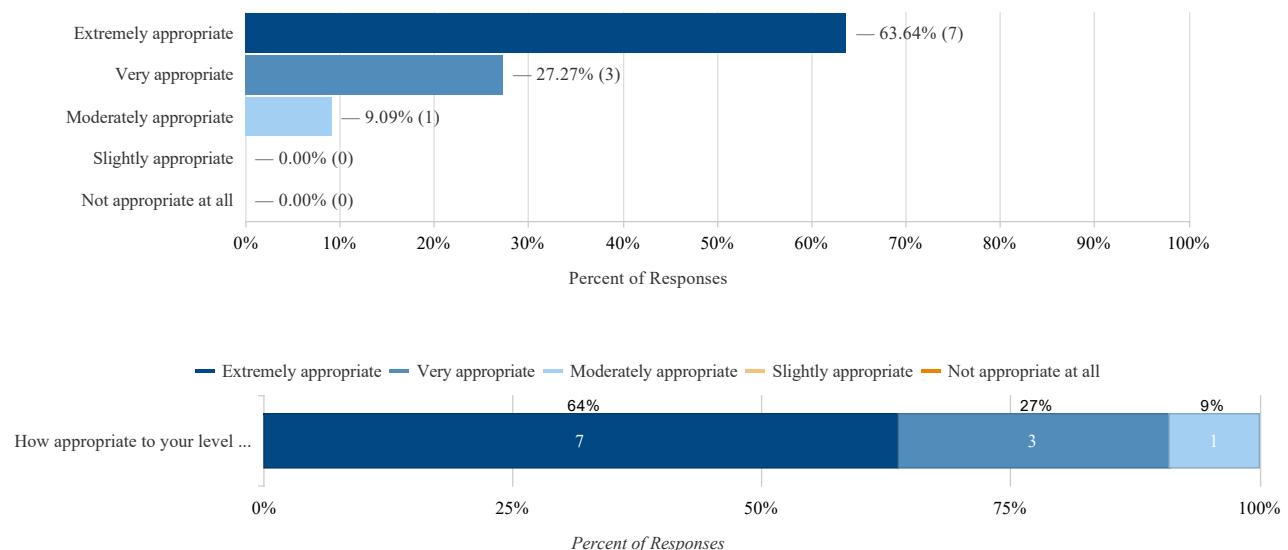
1. Writing the problem out on the white board or on paper. Showing us how to do the operation rather than describing the procedure verbally.; 1
2. Good understanding of the materials; Walking the student through the problems
3. Very patient and helpful in explaining concepts of the lectures and expanding on them to other related questions.; Helpful in explaining how to go about answering assignments and what is required in the assignments; Really took the time to go through concepts requested during the last tutorial, even though it was not that relevant
4. availability; ability to answer questions; ability to present material clearly
5. Always very responsive to emails; NA
6. earnest and kind; always solve our questions; well prepared
7. Really benefited from the office hours. He was patient and kind, and would work through the concepts with everyone and make sure they understood.; Really cared about the student's understanding of the material, and would work with you after class to go through concepts until you understood. His level of dedication to his role of TA was unparalleled.
8. willingness to sit down and actually work out some proofs, examples, etc. which require more time and patience but are really helpful to student learning; responsiveness and approachability, thank you for answering emails so fast and staying late for office hours so many times!; being able to identify with the students as someone who's taken the course in the past, and noting common pitfalls/points of confusion for us to learn from
9. Very patient; Well-structured
10. Patience; Lapability; Availability

How can this instructor's teaching be improved?

(6 comments)

1. NA; 1
2. The user guides for fem1d and fem3d could be more specific especially regarding what should be in material.jl (eg. the type of variable hnewe and holde should be, usage of updateDatabase). This is only mentioned during the last tutorial, which is a little late, since it would have been useful to know when we started using fem3d; NA
3. n/a; NA
4. Maybe try and explain things with more detail; NA
5. Impossible! Best TA I have had at Stanford by far. Keep up the good work, and hope you become a professor one day.; NA
6. sometimes it seemed that there were questions in the homework that he wasn't as familiar with prior to us asking about them in office hours, but I have no doubt in my mind that's just something that will come with experience after teaching the course multiple times (something that I think I saw Prajwal improve in even just over the course of the quarter!); NA

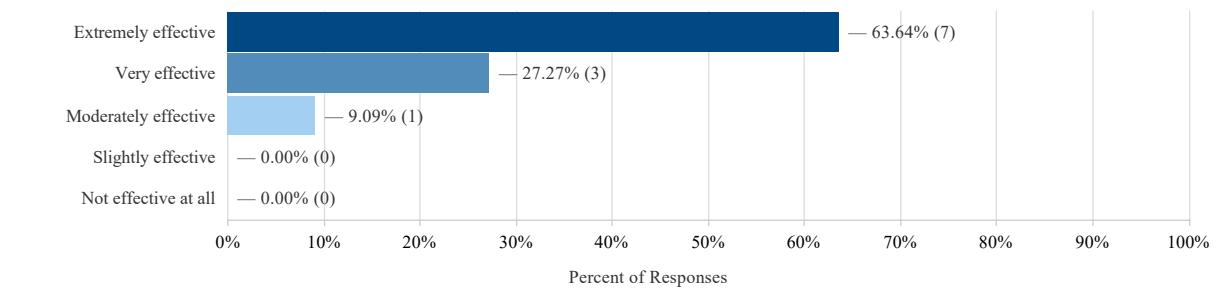
How appropriate to your level of understanding were this instructor's explanations?

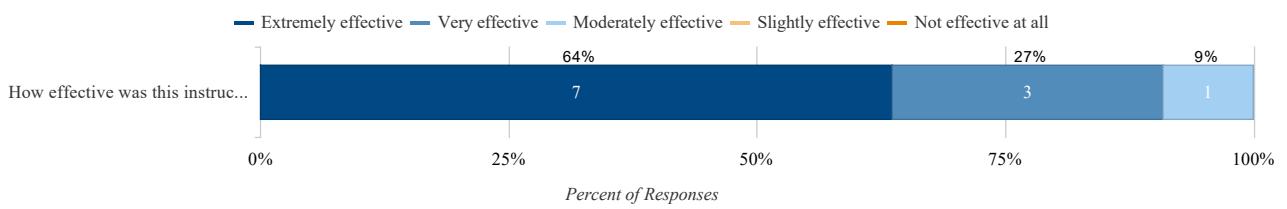


Question	Number of Responses	Response Rate	Course Mean	Course Median	STDEV	5	4	3	2	1
How appropriate to your level of understanding were this instructor's explanations?	11	69%	4.55	5.00	0.69	64%	27%	9%	0%	0%

Note: 5: Extremely appropriate ; 4: Very appropriate ; 3: Moderately appropriate ; 2: Slightly appropriate ; 1: Not appropriate at all

How effective was this instructor's section in helping you deepen your understanding of the course material?

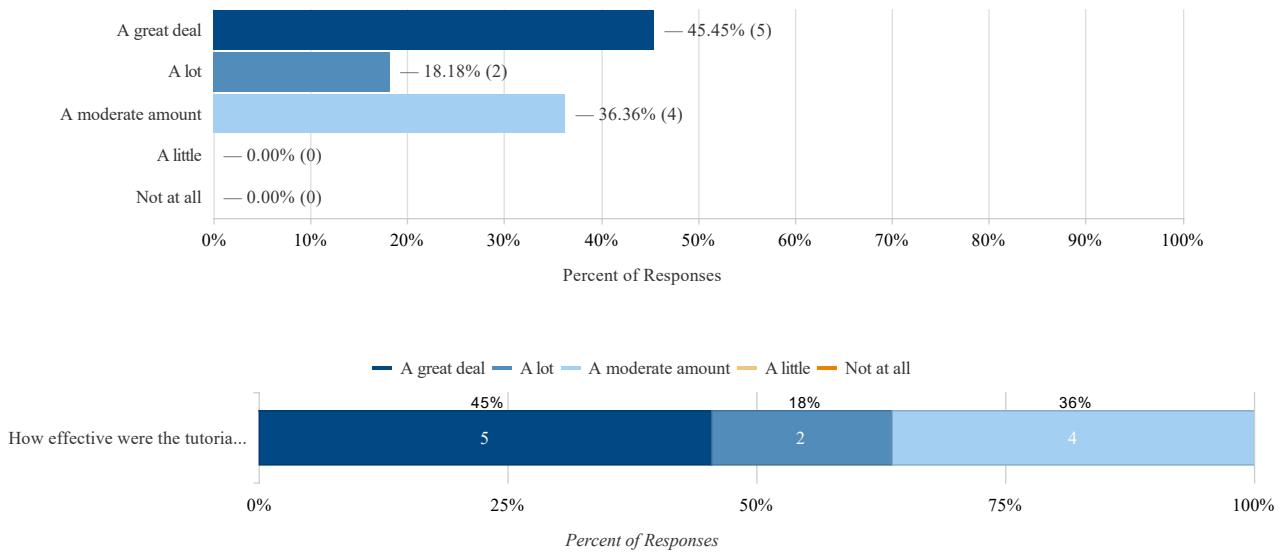




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How effective were the tutorials in helping you understand fem1d and fem3d?



Question	Number of Responses	Response Rate	Course Mean	Course Median	STDEV	5	4	3	2	1
How effective were the tutorials in helping you understand fem1d and fem3d?	11	69%	4.09	4.00	0.94	45%	18%	36%	0%	0%

Note: 5: A great deal ; 4: A lot ; 3: A moderate amount ; 2: A little ; 1: Not at all