



2247 - Teaching Survey Summer 2024

# Summer 2024 - Lee Dosse MEMS 1042 - MECHANICAL MEASUREMENTS 2 - 1020 - Lecture

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Created Tuesday, August 20, 2024

Courses Audience: 18  
Responses Received: 12  
Response Rate: 66.67%

## Report Comments



### Included in this report:

- Summary of responses to scaled questions
- Response breakdowns
- Student comments
- Results to instructor added custom questions (if applicable)

### Understanding and using student feedback:

- We have [resources](#) to help you interpret and use results including our [faculty worksheet](#) with guided prompts and space to record summaries of feedback, actions, and outcomes.
- Members of our [Pedagogy, Practice, & Assessment](#) team are available for consultations and can help with:
  - Interpreting OMET results and developing a course of action if necessary.
  - Exploring various methods of assessment to improve teaching.
- In the future:
  - Discuss, teach, and model [giving meaningful feedback](#) with your students and give them multiple opportunities to practice giving feedback.
    - Gather important information about students at the beginning of the term by giving a [pre-course survey](#).
    - Check in with students half way through the term by giving a [midterm course survey](#).
- The [Teaching Center](#) offers multiple resources to support teaching and learning.

Office of Measurement and Evaluation of Teaching (OMET)

[Contact us](#)

## University Questions

### Summary table

Scale: strongly disagree (1), disagree (2), neutral (3), agree (4), strongly agree (5)

	Invited Count	Response Count	Response Rate	Mean	Mode	Median	SD
The instructor stimulated my thinking.	18	11	61.11%	4.55	5	5.00	0.52
The instructor was enthusiastic about teaching the course.	18	11	61.11%	4.91	5	5.00	0.30
The instructor presented the course in an organized manner.	18	11	61.11%	4.64	5	5.00	0.67
The instructor maintained an environment where students felt comfortable participating.	18	11	61.11%	5.00	5	5.00	0.00
The instructor maintained an environment where students felt comfortable seeking assistance.	18	11	61.11%	5.00	5	5.00	0.00
The instructor provided helpful feedback.	18	11	61.11%	4.82	5	5.00	0.40
Assignments contributed to my understanding of the subject.	18	11	61.11%	4.82	5	5.00	0.40
Overall of All Questions	126	77	61.11%	4.82	-	-	0.40

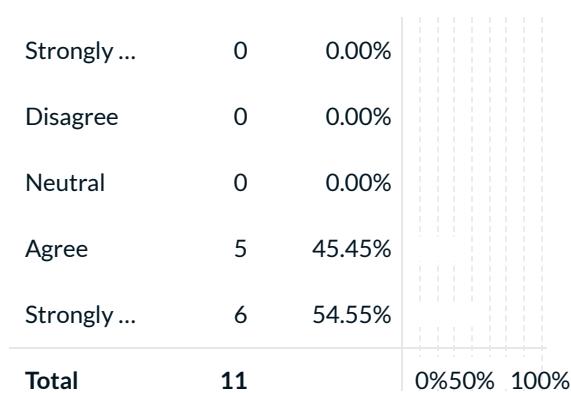
## Overall effectiveness

Scale: ineffective (1), only fair (2), competent (3), very good (4), excellent (5)

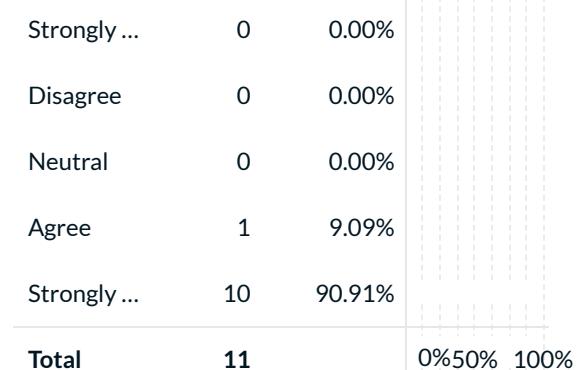
Question	Invited Count	Response Count	Response Rate	Mean	Mode	Median	SD
Express your judgment of the instructor's overall teaching effectiveness.	18	10	55.56%	4.70	5	5.00	0.48

## Response breakdown

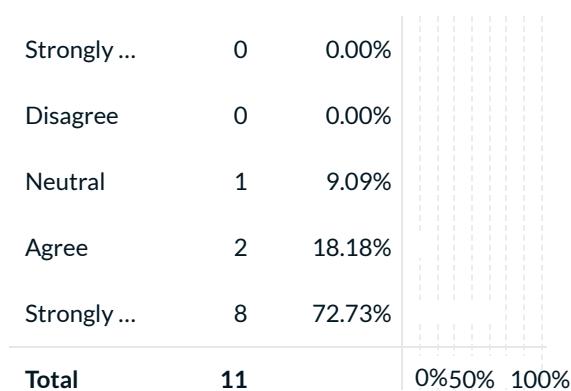
### 1. The instructor stimulated my thinking.



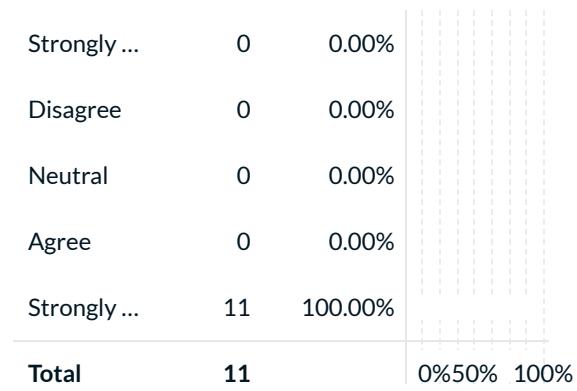
### 2. The instructor was enthusiastic about teaching the course.



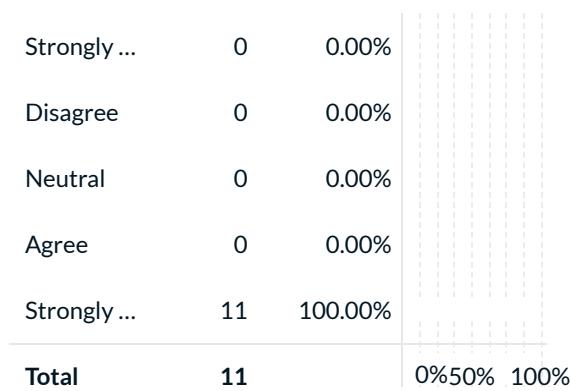
### 3. The instructor presented the course in an organized manner.



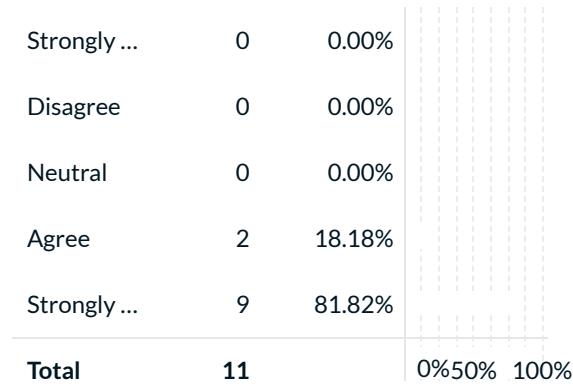
### 4. The instructor maintained an environment where students felt comfortable participating.



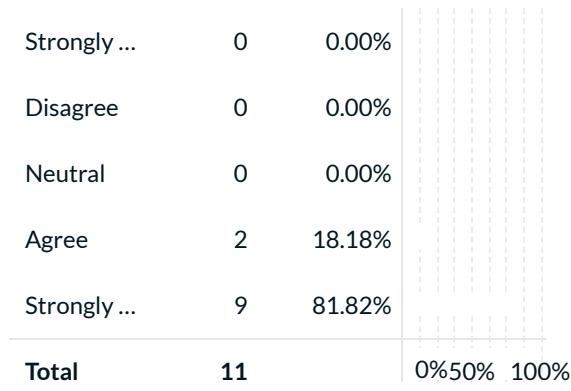
**5. The instructor maintained an environment where students felt comfortable seeking assistance.**



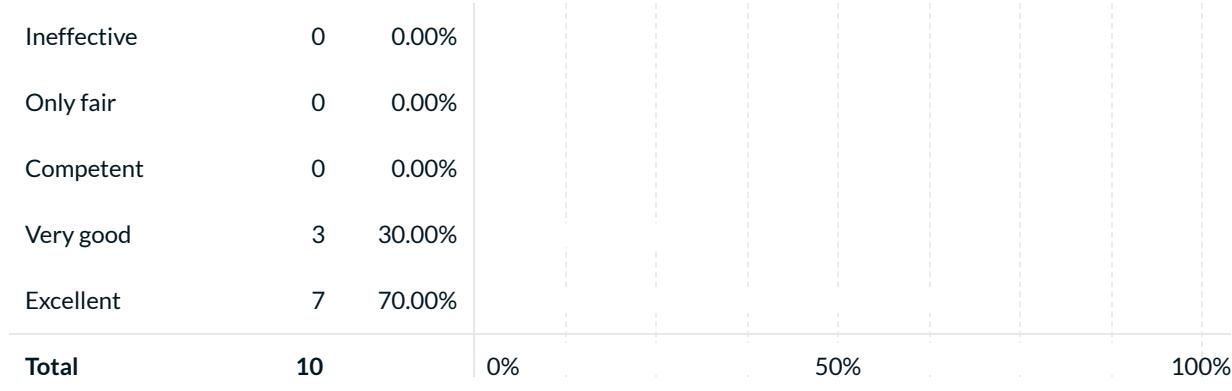
**6. The instructor provided helpful feedback.**



**7. Assignments contributed to my understanding of the subject.**



**Express your judgment of the instructor's overall teaching effectiveness.**



## Comments

### What did the instructor do to help you learn?

Comments
Direct feedback about principles in class for projects and course topics was given readily.
Lee managed to make course content that I find useful, but boring interesting. He often referenced applicable problems from industry or a university engineering club to make problems easier to conceptualize.
Examples in class
Lecture was easy to follow and the teacher provided ample examples and questions.
Lee is very knowledgeable. His use of real-world examples he has experienced that relate to the subject material are very helpful.
The projects were very intuitive and did a great job of giving us a hands-on approach to the material. The labs were pretty straightforward and simple to follow and understand.
Going through examples in class was very helpful.
Lecture examples were very helpful
Meaningful lectures each week with real world examples. Labs were helpful to apply what was learnt in the lecture to assignments/real world applications.
Hands on labs with self-led reports and projects and clean-cut lectures
The lectures were presented in an organized manner, and the information in the slides was helpful. Explanations of the topics were good.

## What could the instructor do to improve?

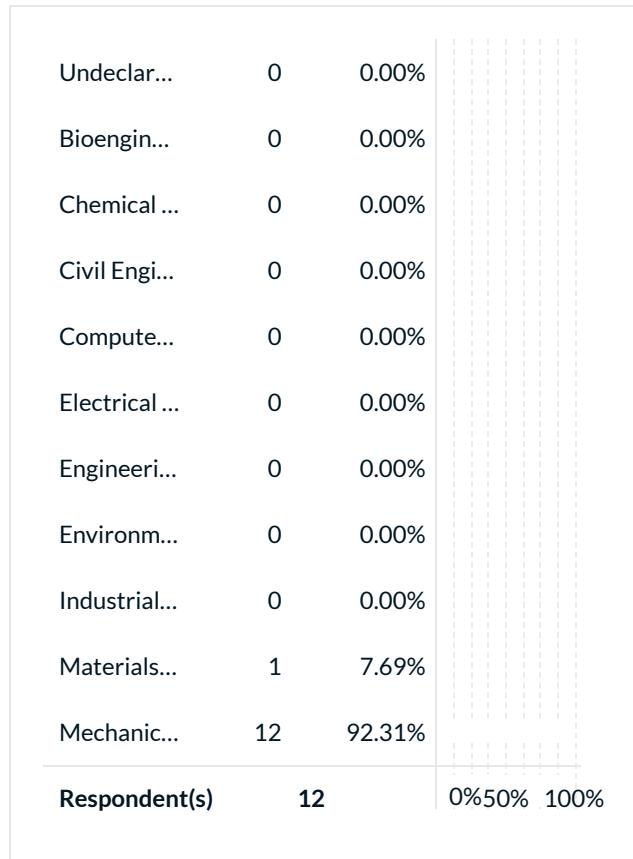
Comments
Prepare a bit more for the lab sections.
it only happened once during the course and, he did make himself available for the next 2 days a result, but he at one point missed his office hours without a previous announcement. This not happening would have benefitted the class.
Could definitely use a little more time to submit the lab reports like in measurements 1. At least for the full lab reports
NA
N/A
I wasn't a huge fan of the take-home labs. I had a hard time comprehending what I needed to do and how to do it. I had a specifically hard time with lab 4, the sound lab. I remember the procedure being discussed in class but when I tried to find more input about it I had a hard time grasping what to do. I think the take-home labs are a good idea, I would just prefer to have more to go on to have a smoother process when doing the lab. It is also possible that I missed a document that was the silver bullet but it was the only thing in this class that gave me severe difficulty.
Maybe have a little more content about coding for Arduinos.
At times the actual lecture being given felt not as important, so maybe a flipped class would be more useful where we watch a lecture video at home then do more examples in class
Be a little more organized with posting materials and due dates
Organization could be better. I understand it was another person's material
Doing some more statistics practice would help me in general, but otherwise the class was good.

## Do you have any other information that you would like your instructor to know?

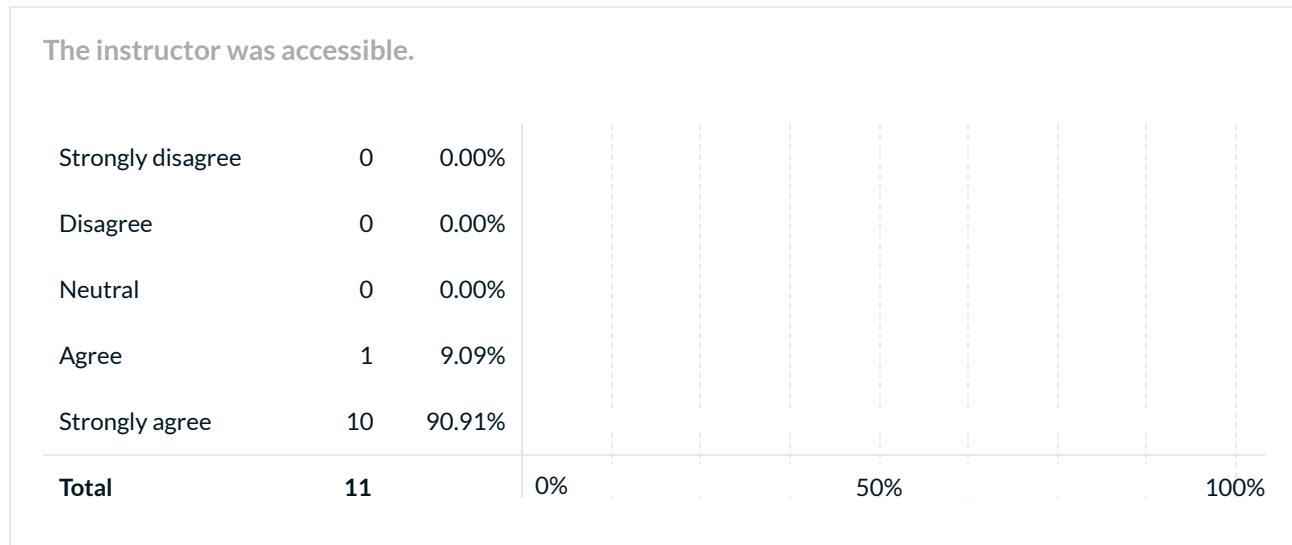
Comments
William Gamble was a good TA, he provided assistance when asked and checked in on groups during the lab period
N/A
I really appreciate and respect Dr. Lee. He is very nice and doesn't try to deceive you when it comes to doing the labs and projects in the class. It is clear that he cares and wants us to succeed. He has the grades from the labs in relatively quickly and you have a good understanding of where you stand.
The end of semester crunch is REAL. Also, all of the TAs were knowledgeable and helpful in the Lab.
You were incredibly thoughtful and helpful through the semester and it was very appreciated.
No
nope :)

## Swanson School of Engineering Questions

Please select the major you are enrolled in. Check at most 2 programs. If you are currently a freshman or an undeclared major, select your anticipated major from the list (or select Undeclared if you are unsure).



The instructor was accessible.



**Please provide advice to future students: What could you have done to improve your learning in this course?**

Comments
Lee's Lectures are essential to actually understanding the course material and getting an A. I noticed that my peers often didn't attend class. In class he often gave very specific examples that pertained directly to the prelab and lab materials. Without lecture these concepts would be much harder to grasp.
Actively participating in class is recommended.
Lee's lectures are very useful and provide valuable information related to the lab experiments.
Make sure to go to the lectures before take-home labs so you can have a good understanding of what is going on. I also went to class for that and had a hard time so I can't imagine how I would've gone about it had I not shown up at all.
Try to learn about arduino coding outside of class.
Complete all the labs and attend lecture each week. Stay ahead on project work so you don't have as work at the end of the semester.
Follow the assignments and you're fine
I could have made it to lecture on time more (early mornings are hard lol)





## Engineering Undergrad Courses

Please rate the degree to which this course has improved...

Question	Results		
	Response Count	Mean	Standard Deviation
Your ability to identify, formulate, and solve complex engineering problems by applying principles of engineering.	11	4.91	0.30
Your ability to identify, formulate, and solve complex engineering problems by applying principles of science.	11	4.73	0.47
Your ability to identify, formulate, and solve complex engineering problems by applying principles of mathematics.	11	4.45	0.93
Your ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare.	11	3.73	1.56
Your ability to apply engineering design to produce solutions that meet specified needs with consideration of global, cultural, and social factors (i.e., sustainability principles).	11	3.36	1.57
Your ability to apply engineering design to produce solutions that meet specified needs with consideration of environmental and economic factors (i.e., sustainability principles).	11	3.55	1.37
Your ability to effectively communicate verbally with a wide range of audiences.	10	4.70	0.48
Your ability to effectively communicate in writing to a wide range of audiences.	9	5.00	0.00
Your ability to recognize ethical and professional responsibilities in engineering situations.	10	3.80	1.40
Your ability to make informed judgments that consider the impact of engineering solutions in global and societal contexts (i.e., sustainability principles).	10	3.90	1.10
Your ability to make informed judgments that consider the impact of engineering solutions in economic and environmental contexts (i.e., sustainability principles).	10	4.00	1.15
Your ability to function effectively on a team whose members together provide an inclusive environment, collaboration, and leadership.	10	5.00	0.00
Your ability to function effectively on a team whose members together establish goals, plan tasks, and meet objectives.	10	5.00	0.00
Your ability to develop appropriate experiments.	10	4.90	0.32
Your ability to conduct appropriate experiments.	10	4.90	0.32

Question	Results		
	Response Count	Mean	Standard Deviation
Your ability to analyze and interpret data and use engineering judgment to draw conclusions.	10	5.00	0.00
Your ability to embrace new learning strategies to independently acquire and apply new knowledge to solve engineering problems.	10	5.00	0.00

## Diversity and Inclusion

