

2261 - Teaching Survey Fall 2025

Fall 2025 - Lee Dosse MEMS 1014 - DYNAMIC SYSTEMS - 1000 - Lecture



Created Thursday, January 08, 2026



Courses Audience: 53
Responses Received: 33
Response Rate: 62.26%

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.	53	30	56.60%	4.03	4	4.00	0.89
The instructor was enthusiastic about teaching the course.	53	30	56.60%	4.50	5	5.00	0.68
The instructor presented the course in an organized manner.	53	30	56.60%	4.07	4	4.00	1.01
The instructor maintained an environment where students felt comfortable participating.	53	30	56.60%	4.20	4	4.00	0.89
The instructor maintained an environment where students felt comfortable seeking assistance.	53	30	56.60%	4.30	5	4.50	0.92
The instructor provided helpful feedback.	53	29	54.72%	4.00	4	4.00	1.00
Assignments contributed to my understanding of the subject.	53	30	56.60%	4.23	4	4.00	0.94
Overall of All Questions	371	209	56.33%	4.19	-	-	0.91

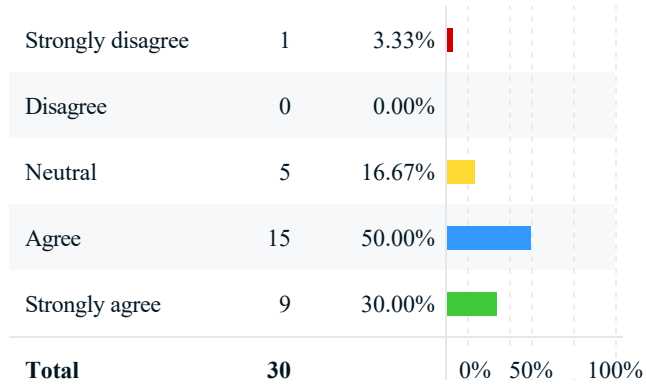
Overall effectiveness

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

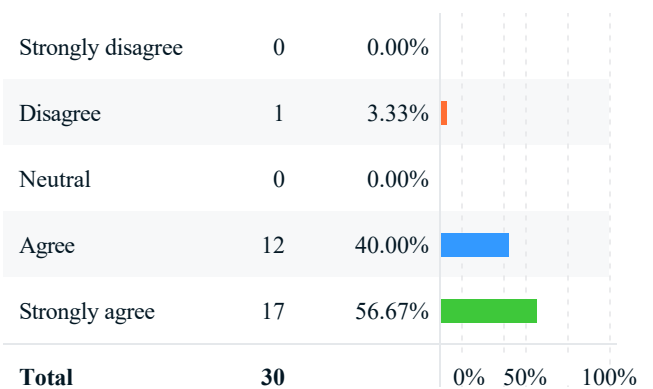
Question	Invited Count	Response Count	Response Rate	Mean	Mode	Median	SD
Express your judgment of the instructor's overall teaching effectiveness.	53	30	56.60%	3.80	4	4.00	1.00

Response breakdown

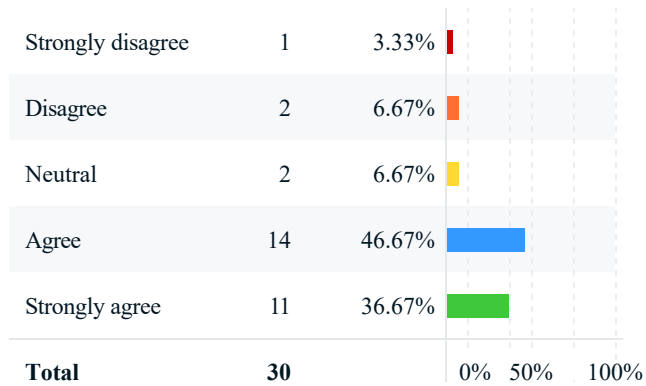
1. The instructor stimulated my thinking.



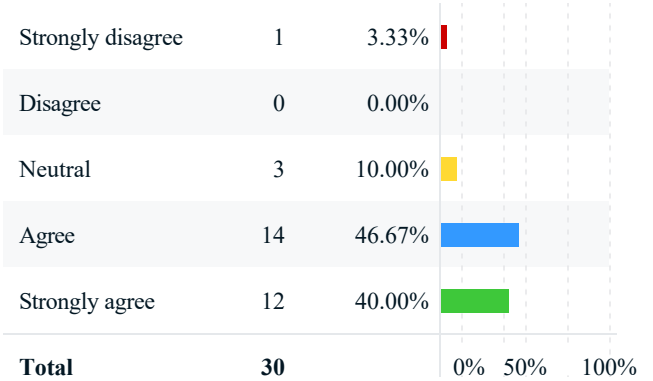
2. The instructor was enthusiastic about teaching the course.



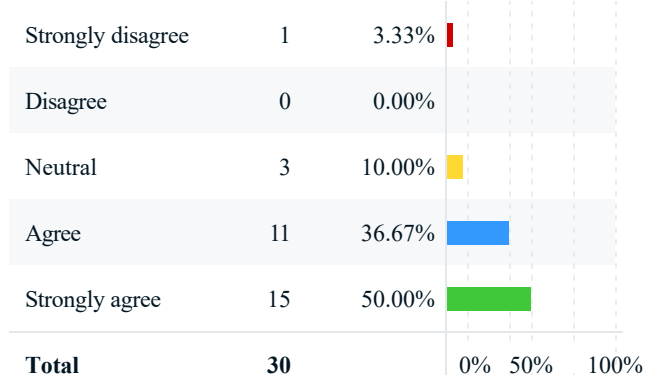
3. The instructor presented the course in an organized manner.



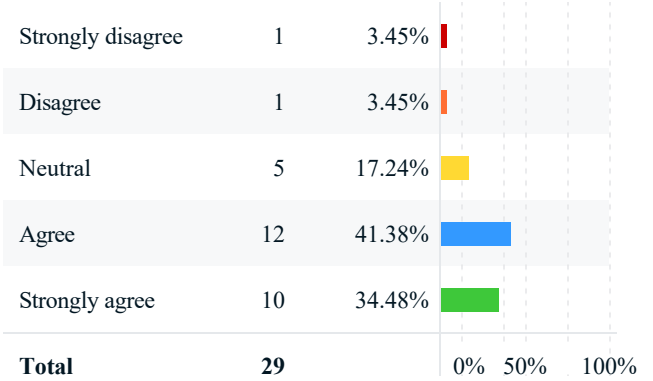
4. The instructor maintained an environment where students felt comfortable participating.



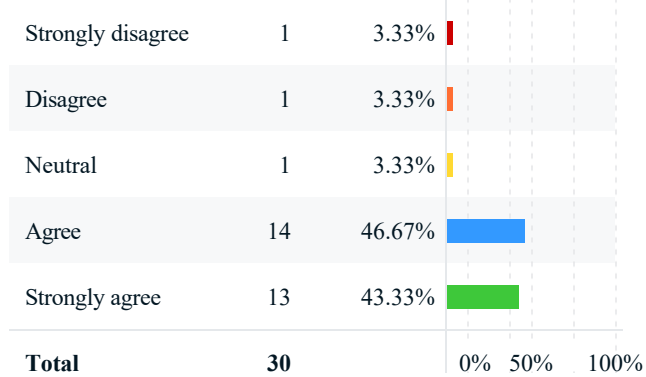
5. The instructor maintained an environment where students felt comfortable seeking assistance.



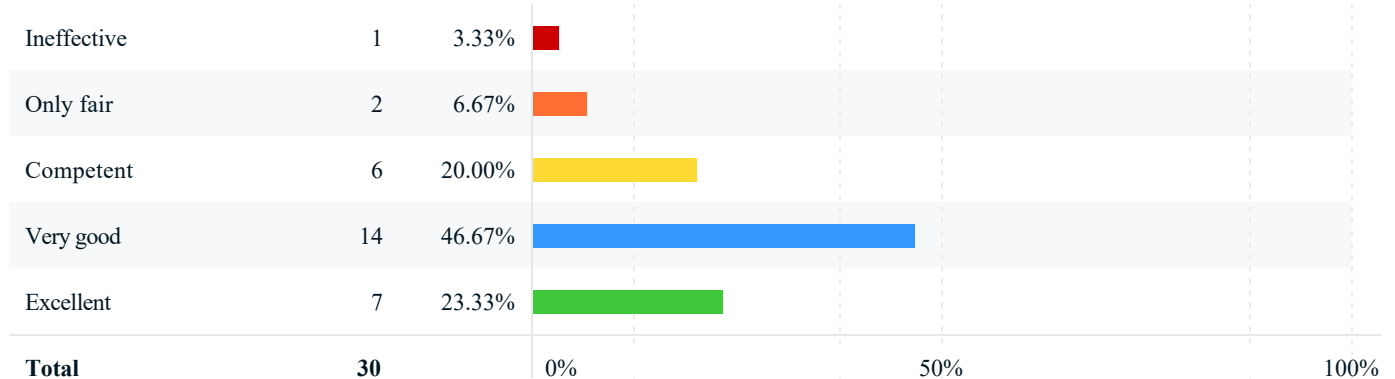
6. The instructor provided helpful feedback.



7. Assignments contributed to my understanding of the subject.



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



What did the instructor do to help you learn?

Comments
The lecture notes were very helpful. I appreciated that they were posted on canvas so that we could go back and refer to them when doing homeworks.
The material and lecture notes be did were very clear and easy to follow.
Dr. Dosse offered many office hours and areas to review.
very helpful with questions and in OH, especially regarding difficult assignments
He helped me to learn all about the dynamics of different systems.
Making good examples helped me learn better.
How to express certain systems
The homework assignments were challenging and stimulating
Homework solutions
The homework problems were great and Dr. Dosse was enthusiastic and knew the material well. Problems in class and interesting connections to real-world (like cruise control as a PID control loop) helped me understand and remember the material better.
He provided multiple resources/assignments to help give a good overall learning experience.
Dynamic Systems
How to complete homeworks and exam problems for the class
Dr. Dosse helped with step functions, drqing the fbds correctly, understanding state space, and connecting physic concepts to linear and differential equations.
Dr. Dosse's ability to expand on ideas when students have questions is very helpful.
The instructor provided us with multiple example problems in class and practice exams to help prepare for the exams.
be responsive after class
He stayed up to date posting his annotated notes and recordings.
Provided detailed examples and was very accessible
Helped a lot during office hours
The instructor gave good in class examples
Inviting classroom environment, useful homework, accessible outside of class, enthusiastic about the class, and clearly likes teaching and is good at it.

What could the instructor do to improve?

Comments
I think I would have benefited from going over the in class assignment before turning it in as opposed to after or having a copy of the in class assignment as we were reviewing it would also have been helpful.
Although the material is great the overall class is a little boring, retaining students attention.
I think that the class was very conceptually heavy in lecture, more applicable practice problems would be nice. Also, the lectures should consistently start on time. Felt a little disorganized, especially with the class being taught by 2 different professors at the same time. It felt like the notes and assignments were mostly Dr. Bajaj, and Dr. Dosse was just explaining his notes.
would love to see more in class examples that are more complex, like the HW.
He could have been a little more organized and on time at times.
N/A
Na
Some more in class examples
More big ideas for each topic. Not just math
I though all the material for the second midterm exam was presented in a confusing way. I understand the book teaches it a certain way but when it was presented in the lecture slides it confused me more than helped me. Things like the I/O equation where it was introduced as $y^{(n)} + a_1 y^{(n-1)} \dots$ were confusing because I had no idea what these 'n' terms meant, what 'a' was, etc. I would suggest maybe doing a full problem or adding an example equation next to it (like $y'' + 4y' + \dots$ for the example listed) to better illustrate the equations.
Sometimes I feel as though we spend too much time looking at small details and we should focus more on the big picture concepts.
idk
Focus a bit more on problems compared to prior knowledge
Drawing out the steps or slopes for the step equations.
Occasionally, Dr. Dosse will jump through some foundational information a little quick, which can cause issues for understanding the concepts during the examples.
The instructor could make his lecture a bit more involved to make it easier to pay attention.
More explanation of why or what we are actually learning: the notes felt more like derivations. I did not feel I had a strong grasp on what state-space and input equations are. More relevance to actual homework and exam questions.
answer emails
Go over homework problems in class.
More organized lectures
I think more time could be spent on block diagrams. I still don't fully understand them and we didn't do many examples.
Perhaps go a bit slower when in the middle of solving problems, but otherwise you were always very clear.

Comments

No comments :)

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

Comments

I hope your kickball team wins at least a game next season.

N/A

Everything is good.

Na

No

I appreciate you taking the time to talk about kickball or Pitt games, etc. for one or two minutes before class. Made things feel less formal and helped me be more comfortable asking questions.

N/A

nah

I do not

Thanks for everything.

I hope kickball goes better for your team next year.

no

please answer emails

No

N/A

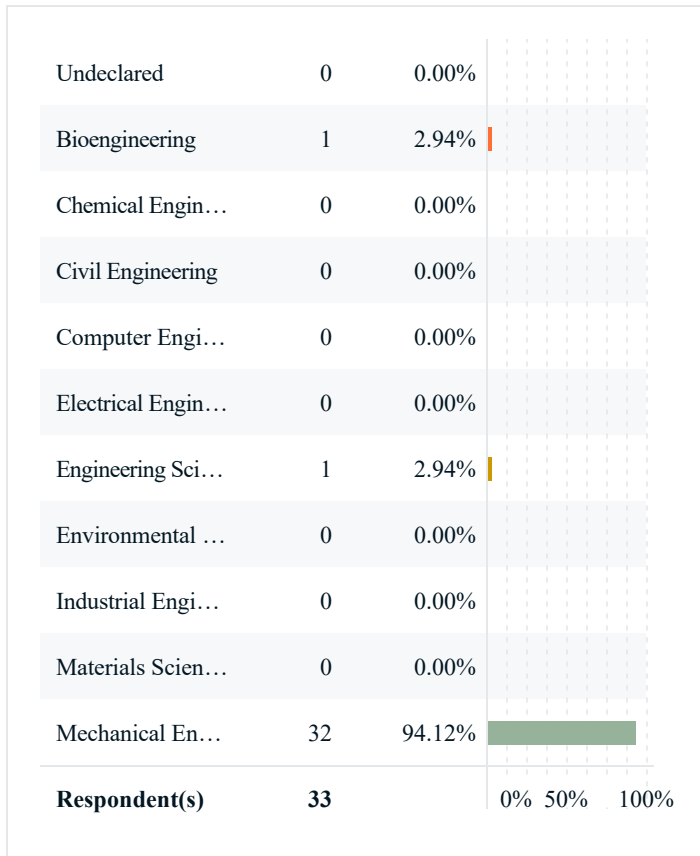
I enjoyed your course but I sometimes found myself confused in class on topics I didn't realize were simple. I felt lost while learning state space and block diagrams. I felt like these could have been taught in more detail.

N/A

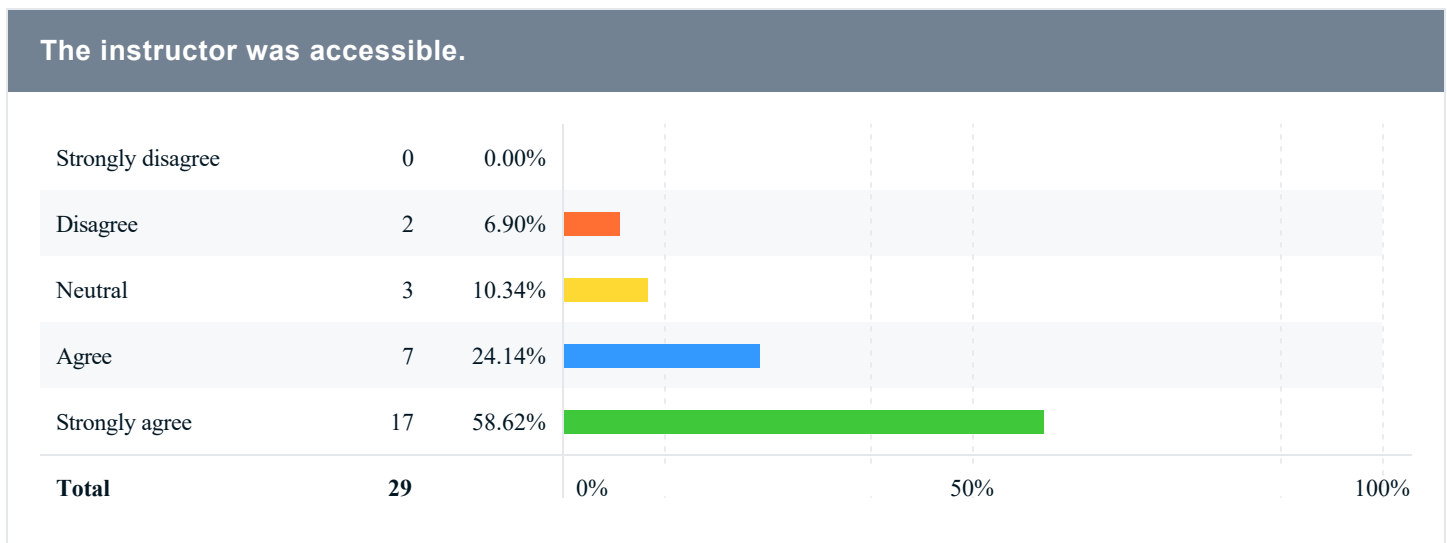
The heavy focus on linear algebra and other math prereq info seemed a bit time consuming and redundant especially considering we should know that stuff.

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
Just make sure you can do the hw and practice exams. Lectures barely helped me.
use the textbook as a resource
Take the homeworks and practice exams seriously as they will help you when it comes time to take the exams.
Everything is good.
Na
Make sure you attend calss
Go to every class.
This is a class I feel might benefit from a flipped structure. I usually hate flipped classes, but I found myself referring to the textbook a lot throughout the semester and it better helped me understand what was going on. I took notes of all of the second midterm material (I/O, state space, block diagram, etc.) and the book was honestly less confusing for these sections than the lecture. If there were more example problems/homework problems done in class, I think it could help the understanding of some students (like myself). Otherwise class was great.
Attend more office hours and ask more questions during lecture.
hcodps
Do homeworks and study a lot for exams using the practice exams given
Don't accidentally do the practice midterm thinking it's the homework.
Take advantage of the office hours provided early on in the semester.
Stay on top of the course material and understand it for the exams. Do not just cram information then forget it after the exam.
everything builds so staying ahead.
Stay on top of your homework, do not leave it for the last minute.
pay attention in lecture
Go to office hours
Seek help in office hours early on.
Paid attention in class more

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.	29	4.21	0.94
Your ability to identify, formulate, and solve complex engineering problems by applying principles of science.	27	4.07	0.92
Your ability to identify, formulate, and solve complex engineering problems by applying principles of mathematics.	29	4.17	1.00
Your ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare.	28	3.43	1.43
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).	28	3.54	1.40
Your ability to apply engineering design to produce solutions that meet specified needs with consideration of environmental and economic factors (i.e., sustainability principles).	28	3.36	1.25
Your ability to effectively communicate verbally with a wide range of audiences.	28	3.32	1.31
Your ability to effectively communicate in writing to a wide range of audiences.	28	3.18	1.44
Your ability to recognize ethical and professional responsibilities in engineering situations.	28	3.25	1.46
Your ability to make informed judgments that consider the impact of engineering solutions in global and societal contexts (i.e., sustainability principles).	27	3.22	1.48
Your ability to make informed judgments that consider the impact of engineering solutions in economic and environmental contexts (i.e., sustainability principles).	27	3.33	1.47
Your ability to function effectively on a team whose members together provide an inclusive environment, collaboration, and leadership.	28	3.18	1.36

Question	Results		
	Response Count	Mean	Standard Deviation
Your ability to function effectively on a team whose members together establish goals, plan tasks, and meet objectives.	28	3.21	1.42
Your ability to develop appropriate experiments.	28	3.29	1.21
Your ability to conduct appropriate experiments.	28	3.18	1.39
Your ability to analyze and interpret data and use engineering judgment to draw conclusions.	28	3.89	0.96
Your ability to embrace new learning strategies to independently acquire and apply new knowledge to solve engineering problems.	28	4.11	0.92

Diversity and Inclusion

Question	Response Count	Response Rate	Mean	Mode	Median	SD
The instructor creates an inclusive learning environment for all students.	29	54.72%	4.41	5	5.00	0.68