

LINEAR ALGEBRA II (Fall 2019 (202001))

Instructor: **Pham, Tuan**
 Subject: **MTH**
 Catalog & Section: **342 010**
 Course ID: **14700**
 Objectives:

Enrollment: **56**
 Responses Incl Declines: **18**
 Declines: **0**

Course and Instructor

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
The course as a whole was	18	32%	5.6	4.7	4.9	5.7	4.9	5.1
The instructor's contribution to the course was	18	32%	5.6	4.8	5.0	5.8	5.2	5.4
Clarity of course objectives or outcomes was	18	32%	5.4	4.8	4.9	5.5	5.0	5.2
Clarity of student responsibilities and requirements was	18	32%	5.5	4.9	5.0	5.6	5.1	5.3
Course organization was	18	32%	5.2	4.7	4.9	5.5	5.0	5.2
Availability of extra help when needed was	18	32%	5.6	4.9	5.0	5.7	5.2	5.4
Instructor's use of various instructional techniques to accommodate differences in learning styles among students was	18	32%	5.3	4.6	4.8	5.6	4.8	5.1
Instructor's interest in my learning was	18	32%	5.6	4.8	5.0	5.8	5.2	5.4
Instructor's ability to stimulate my thinking more deeply about the subject was	18	32%	5.4	4.7	4.9	5.7	5.0	5.3
Instructor's timely feedback to tests and other work was	18	32%	5.3	4.8	4.9	5.5	5.1	5.3
Instructor's ability to develop a welcoming classroom environment for all participants was	18	32%	5.6	4.9	5.1	5.7	5.2	5.5
Instructor's evaluation of student performance in accordance with course objectives was	17	30%	5.6	4.9	5.0	5.7	5.1	5.3

Note: 1:Very Poor; 2:Poor; 3:Fair; 4:Good; 5:Very Good; 6:Excellent; -1:Unable To Rate;

Narrative comments and suggestions (7 comments)

Q: Please comment about ways to improve instruction.

- 1 "This course I would imagine is not easy to teach. Though the concepts are fairly simple, I struggled quite a bit at the beginning of the course. But Tuan's positivity, sense of humor, and insistence upon classmates working with each other if only for brief periods of time in class, summed up to a very beneficial learning environment. I also found it very helpful that Tuan provided many different examples of exercises with clear solutions that would be posted a day or two later. This provided much needed clarity, and I really appreciate it. Thank you, Tuan!!!" -- Diana Christofersen
- 2 I never found the textbook very useful when trying to do the homework or learn outside of class.
- 3 "Tuan is great! I love that he provides various examples. The notes he writes on the whiteboard are very well organized which is great because I can look at my notes later and not be confused by my writing. His lectures are interesting and he is clearly passionate about his work." -- Daisy Doroteo-Mejia
- 4 "This was an excellent course. I struggled in MTH 341, but Dr. Pham explained the concepts behind linear algebra in a clear, precise manner. I would highly recommend this class to my friends!" -- Nolan Gunter
- 5 This was my second time taking this class, and it was slightly offputting how differently the class was, taught, from the topics taught in the class, to the way homework and tests were graded. Initially, I was slightly upset because some of the grading criteria seemed trivial, such as needing to prove linear independence or showing all of the steps for basis, but I actually came out of this class understanding linear algebra a lot better than previous.
- 6 There were a few lectures that were a bit redundant. Those days could have been used to cover more material. However, the lectures really painted a clear picture of the main ideas at play.
- 7 Please make notes during class more organized, sometimes it is hard to keep up with what's going on or know how to finish an example.

Instructor's Questions (27 comments)

Q: What did the instructor do that best helped your learning?

- 1 His explanation was very clear and easy to understand. I was afraid of linear algebra since I did very poorly on MTH341. His way of teaching made learning linear algebra easier.
- 2 Being open to help and answer questions
- 3 "Taking the time to discuss concepts (instead of computation) more. For example, it helped to understand what the null space is versus knowing how to compute it." -- Nolan Gunter
- 4 Always available to speak outside of instruction hours and is extremely interested in student's outcomes and understanding
- 5 Office Hours!
In-class worksheets.
- 6 I really appreciated having the worksheets during class and going over them. Those helped me a lot.
- 7 Going over in-class worksheets helped our understanding by guiding the class to come up with the answer, helps understanding difficult concepts.
- 8 "Enthusiasm, clear dedication and caring. Many sample problems and worksheets. Also, solutions to homework and worksheets were very, very helpful!!" -- Diana Christofersen
- 9 Office hours were very helpful, clear class structure in regard to what to study for tests.
- 10 "Examples, organized notes" -- Daisy Doroteo-Mejia
- 11 He clearly had a deep understanding of the material and had great examples. He emphasized the importance of good proof writing techniques and asked good questions to the students with adequate pause time for each.
- 12 The worksheets with practice problems helped me a lot to understand how to write proofs.
- 13 "give more example help to learn" -- Mingming Su
- 14 Drew diagrams on the board to visually explain the abstract concepts we were discussing in class

Q: What could have you done to be a better learner?

- 1 n/a
- 2 "More organization in lectures - perhaps using a lecture outline to keep things structured." -- Nolan Gunter
- 3 IDK. Done well so far
- 4 Not disregard the importance of proof-writing.
- 5 I could have asked more questions during class.
- 6 Gone in for office hours more often when facing difficult concepts.
- 7 "Gone to office hours." -- Diana Christofersen
- 8 I could have spent more time learning the process behind writing proofs.
- 9 "Read the textbook" -- Daisy Doroteo-Mejia
- 10 I could have asked myself deeper questions while working through homework and reading the book. A better awareness while studying the material to gain deeper insights.
- 11 Go to more offer hours and start homework earlier to be able to ask the instructor questions if I am having trouble.
- 12 "attend every class and take the note." -- Mingming Su
- 13 Spent more time reading from the textbooks