

LINEAR ALGEBRA II (Winter 2020 (202002))

Instructor: **Pham, Tuan**
 Subject: **MTH**
 Catalog & Section: **342 020**
 Course ID: **39670**
 Objectives:

Enrollment: **45**
 Responses Incl Declines: **15**
 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	15	33%	4.8	4.8	4.9	5.3	4.9	5.1
The instructor's contribution to the course was	15	33%	5.0	4.9	5.0	5.6	5.2	5.4
Clarity of course objectives or outcomes was	15	33%	5.2	4.9	4.9	5.7	5.1	5.2
Clarity of student responsibilities and requirements was	15	33%	5.2	5.0	5.0	5.7	5.2	5.3
Course organization was	15	33%	4.7	4.8	4.9	5.1	5.0	5.2
Availability of extra help when needed was	15	33%	5.2	5.0	5.0	5.4	5.3	5.4
Instructor's use of various instructional techniques to accommodate differences in learning styles among students was	15	33%	4.7	4.7	4.8	5.2	5.0	5.1
Instructor's interest in my learning was	15	33%	5.2	5.0	5.0	5.6	5.3	5.4
Instructor's ability to stimulate my thinking more deeply about the subject was	15	33%	4.7	4.8	4.9	5.4	5.1	5.3
Instructor's timely feedback to tests and other work was	15	33%	5.3	4.9	4.9	5.7	5.2	5.3
Instructor's ability to develop a welcoming classroom environment for all participants was	15	33%	5.4	5.0	5.1	5.8	5.4	5.5
Instructor's evaluation of student performance in accordance with course objectives was	15	33%	5.3	5.0	5.0	5.7	5.2	5.4

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

Narrative comments and suggestions (9 comments)

Q: Please comment about ways to improve instruction.

- 1 "This class is really hard, not sure how to improve it. Maybe have group work in class?" -- Eli Sandine
- 2 Sometimes your handwriting was hard to read, especially when you would write the letter u and v. I could not differentiate between the two. Also saying that something is "very natural" does not explain to me how to do it. When I am confused during lecture and you say that it just frustrates me because it is not natural for me. It is new and it is hard.
- 3 "I struggled a little bit with this course since I took Linear Algebra 1 a long time ago, so it would've been nice to have little refreshers of the topics in lecture sometimes. I know that's on me mostly though (I should review better). Overall great course!" -- Calvin Gagliano
- 4 In class, he is very detailed and practical. I like his class style very much
- 5 thank you for posting well organized class notes
- 6 "Dr. Pham's instruction in this course has been fantastic. My only critique would be that the first week or so included a lot of unfamiliar notation that needed to be explained more clearly--I think there was an assumption that it was review, when it was not review for most students. Otherwise, the teaching has been consistently very good." -- Callan Stowell
- 7 Best math professor I had.
- 8 "I think Tuan's lectures were good at presenting the material once I was able to understand the style of teaching and some of the basics that I was missing for the course. Tuan did a good job at asking us what could be done better for the course and made changes during the course to try and accommodate this." -- Shane Clancy
- 9 "Great professor. Always trying to get us to learn and is always passionate about the material" -- Patrick Riley

Instructor's Questions (21 comments)

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

- 1 "Explains insanely difficult material in a clear way and seems to care about students" -- Eli Sandine
- 2 He wrote examples for what we were learning and went through them.
- 3 "Worksheets in class and frequent office hours" -- Calvin Gagliano
- 4 I understand the knowledge in the textbook better
- 5 posted well formatted class notes
- 6 "Use of specific (or general, I suppose) examples really helped solidify the more abstract concepts learned in class. Starting those earlier might have helped, have possible, keep students from feeling lost for the first week or two." -- Callan Stowell
- 7 posted lecture notes
- 8 Posted notes and material online.
- 9 "Went over conceptual concepts and also included examples in lecture. Did not go too fast and did not assume we already knew the material." -- Shane Clancy
- 10 "The worksheets helped. I wish I went to office hours though since I heard it was a lot of help" -- Patrick Riley
- 11 "I liked that we had a lot of worksheets that helped on the homework and he would go around and answer questions immediately if we needed help." -- Clayton Moore

Q: What skill(s), either mathematical or non-mathematical, have you gained or improved as a result of taking this course?

- 1 "Thinking abstractly" -- Eli Sandine
- 2 "I feel like I can talk about linear algebra a lot better after taking this course. I couldn't really talk about it after linear algebra 1 that much, but since this course is much more abstract/general, I find it much easier to learn and easier to illustrate how things work." -- Calvin Gagliano
- 3 My logical thinking and matrix calculation are clearer and clearer.
- 4 none
- 5 "I've improved my ability to analyze functions, understand functions and early high school-level math at a much higher level, write proofs efficiently and thoroughly, and read mathematical notation more effectively in more contexts." -- Callan Stowell
- 6 proof writing
- 7 Became better at proofs and critical analysis.
- 8 "Lots of proof writing skills, as well as a better understanding of how I can apply linear algebra to my field of study." -- Shane Clancy
- 9 "Reflection. I should have done a lot better but used a lot of my time for other activities and things I wanted to get done and by having more consistent reflection on what I am doing it is now improving my decision making." -- Patrick Riley
- 10 "Proof writing skills" -- Clayton Moore