

<b>Term</b>	<b>Course</b>	<b>Primary Dept</b>	<b>Primary Division</b>	<b>Enrolled: 11</b>
<b>Spring 2025</b>	<b>MATH 340 01 - Advanced Linear Algebra</b>	<b>MATH</b>	<b>Sciences</b>	<b>Responded: 10</b>
<b>Instructors</b>				
<b>Trinh, Minh-Tam (P)</b>				

# #1 What knowledge, skills, and insights did you develop by taking this course?

Instructor(s): Trinh, Minh-Tam (P)

Declined to Answer Question: 5

Respondent	Answer
1837805	This class gave me a very firm understanding of all fundamental concepts in linear algebra which I did not necessarily gain from my first linear algebra course. This class both solidified my understanding of basic linear algebra and gave me a glimpse into more difficult topics that exist in this subject.
1837909	Second proof-based course in linear algebra; most interesting topics (in my opinion) are dual spaces, quotient/annihilators, multipliers forms, inner product spaces, etc.
1837982	A much better instinct for linear algebra and math in general
1838915	The course is a more rigorous and in-depth version of Linear Algebra than MATH 225/226. Reviews basic linear algebra and provides more detail on Jordan form, multilinear functions, inner product spaces, the trace/determinant operators, the characteristic polynomial, and the spectral theorems.
1854735	The first part of the course was an overview of content covered in MATH 225, then we covered bilinearity, dual spaces, and tensors, and at the end of the course, we covered inner products and the Spectral Theorem.

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#2 Your level of engagement with the course was:

Instructor(s): Trinh, Minh-Tam (P)

Declined to Answer Question: 1

Average and Standard Deviation			
Question Average	Dept	Div	School
4.1 ±1.1	3.7 ±1.0	3.7 ±1.0	3.9 ±1.0

Choice Label	Counts
very low	0
low	1
medium	1
high	3
very high	4

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### #3 What are the strengths and weaknesses of this course and how could it be improved?

Instructor(s): Trinh, Minh-Tam (P)

Declined to Answer Question: 3

Respondent	Answer
1833985	The homeworks were not graded well, often taking off significant points just for typos. With a different grader, this class would have been great.
1837805	The class had very clear learning objectives, and problem sets were very conducive to my learning without being too difficult.
1837909	Strength: lectures are great, very well-designed problem sets Weakness: nothing I can think of
1837982	Dr. Trinh is a fantastic teacher and the information is well presented, engaging, and clear.
1838915	The course was organized and taught very well. Lecture and psets were always clearly motivated, and the professor clearly knows what he is doing.
1839074	Great class, I think the beginning was really slow though. It would be cool to learn more about the later subjects such as SVDs, and spend more time on Tensors as I feel that there is still alot more to learn.
1854735	I think that this was a good course! It was definitely good for reviewing linear algebra/building my linear algebra intuition, and it was nice to learn about dual spaces, tensors, and inner products, which come up sometimes in other math classes.

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#4 What is your overall assessment of this course?

Instructor(s): Trinh, Minh-Tam (P)

Declined to Answer Question: 1

Average and Standard Deviation			
Question Average	Dept	Div	School
4.4 ±0.5	3.6 ±1.2	3.5 ±1.2	3.9 ±1.1

Choice Label	Counts
poor	0
fair	0
good	0
very good	5
excellent	4

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#5 The course was well organized to facilitate student learning.

Instructor(s): Trinh, Minh-Tam (P)

Declined to Answer Question: 1

Average and Standard Deviation			
Question Average	Dept	Div	School
4.3 ±0.7	3.9 ±1.1	3.7 ±1.1	4.0 ±1.0

Choice Label	Counts
strongly disagree	0
disagree	0
neutral	1
agree	4
strongly agree	4

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#6 I received clear feedback that improved my learning.

Instructor(s): Trinh, Minh-Tam (P)

Declined to Answer Question: 1

Average and Standard Deviation			
Question Average	Dept	Div	School
4.2 ±1.0	3.6 ±1.1	3.5 ±1.1	3.9 ±1.1

Choice Label	Counts
strongly disagree	0
disagree	1
neutral	0
agree	4
strongly agree	4

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#7 Relative to other courses you have taken at Yale, the level of intellectual challenge of this course was:

Instructor(s): Trinh, Minh-Tam (P)

Declined to Answer Question: 1

Average and Standard Deviation			
Question Average	Dept	Div	School
3.3 ±1.0	3.7 ±1.0	3.5 ±1.0	3.3 ±1.0

Choice Label	Counts
much less	1
less	0
same	3
greater	5
much greater	0

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#8 Relative to other courses you have taken at Yale, the workload of this course was:

Instructor(s): Trinh, Minh-Tam (P)

Declined to Answer Question: 1

Average and Standard Deviation			
Question Average	Dept	Div	School
3.2 ±0.7	3.4 ±0.9	3.3 ±1.0	3.1 ±1.0

Choice Label	Counts
much less	0
less	1
same	5
greater	3
much greater	0



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**#9 Would you recommend this course to another student? Please explain.**

Instructor(s): Trinh, Minh-Tam (P)

Declined to Answer Question: 2

Respondent	Answer
1833985	Good way to learn essential linear algebra skills and concepts.
1837805	Yes, this class was one of my favorite in the math department. The material feels fundamental in a way that many other 300-level courses dont while still being difficult and novel. Linear algebra is a useful subject for thinking about many different topics. As an economics and mathematics double major, I picked up on many ideas related to linear projections, orthogonality, and independence that bolstered my understanding of econometrics.
1837839	Yes
1837909	I will definitely recommend this course to another students interested in a more rigorous introduction to linear algebra. Dr. Trinh is very knowledgeable about the topic and clearly put a lot of efforts into designing the lectures and Psets. By far one of the best math courses Ive taken at Yale.
1837982	Yes -- fun class to deepen lin alg knowledge.
1838915	This class if valuable if you are interested in a more rigorous treatment of linear algebra or have interests in domains where strong knowledge of linear algebra is very important like machine learning. Also professor Minh-Tam Trinh is great. The class is also not particularly hard for the math department.
1839074	Great class if you are interested in Pure Math, otherwise only take if you are intrested in Algebra
1854735	Yes! It's a good way to build your foundations in linear algebra, which is an important topic for anyone who wants to continue with math.

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**#10 Summarize the strengths and weaknesses of the instructor. In what ways was their teaching effective and in what ways could their teaching be improved?**

**Instructor(s):** Trinh, Minh-Tam

**Declined to Answer Question: 3**

Respondent	Answer
1833985	Excellent lecturer, did a great job explaining concepts at an approachable level and made the class interactive. This was nice because the content itself was quite introductory. Also, he does a great job motivating the next steps, so the directions the class takes feels very reasonable and understandable.
1837805	Minh-Tam was excellent! He was very clear, knew the subject very well, and was very helpful and responsive to questions on problem sets, class material, and exams.
1837839	Best professor ever. He explains everything very clearly.
1837982	Very clear, great teaching and careful feedback on psets
1838915	Prof Minh-Tam Trinh is fantastic. He clearly puts a lot of effort into making sure that lecture and psets are clearly motivated and conducive to learning. Psets were always out on time, rare errors were corrected immediately with clear notice, and theorems were always grounded with examples. I can't recommend him enough.
1839074	Very nice and provides great feedback.
1854735	Dr. Trinh was a great instructor! I enjoyed his lectures and he seems like a very nice person too. He was very responsive to students' emails, which was very nice.

