

**Final Evaluation (CTEF) for Liu, Wencai MATH 3A LEC I (44370), Spring Qtr 2017**

Responses: 41/58 (70.69%)

**A. Please comment on the following areas and be as specific as possible:**

1. What are the instructor's teaching strengths?

- - organized
- Being enthusiastic and teaching exactly the way the test will be.
- Cares about subject and is enthusiastic. Repeats important concepts and topics multiple times, which make it clear what is important. Goes back to review old concepts to reinforce them.
- Easily communicates concepts and provides an easy to follow along experience to students. Always enthusiastic and open to questions which is a +1.
- enthusiasm
- Enthusiastic about the subject.
- Enthusiastic and knows the material well.
- good
- Good.
- good at giving examples to explain abstract concepts
- Good lectures, enthusiasm, very helpful one-on-one. Does not overcomplicate things.
- He's very open and understanding of students. He makes himself available even outside of office hours. He knows what he is doing and truly cares for the students. He isn't intimidating and you can come to him with any questions you'd like.
- He has a lot of enthusiasm for the subject and seems particularly attuned to what we as students need in order to learn.
- He has a very clear voice and has improved his writing legibility significantly. He explains every single concept down to a tea. He ensures that every single student understands the concepts. He takes the time to understand his students on a very personal level
- He is clear about what you should know in order to pass the tests. I feel like this class is an easy A if you put in the effort because of his teaching, but I admit that I did not spend as much time on this class as I should have.
- he is patient and very nice
- Helpful
- His explanation of concepts is very good and he works out various problems to strengthen the concepts, knowledge and rationale behind each concept. His thrust is on student learning and is very organized and methodical in planning the concepts and teaching, giving sufficient time to review them before the finals.
- Honest and direct Explains concepts well
- Idk
- Incredible amount of examples and creative, new methods for working out otherwise difficult problems. He is a great teacher who uses many examples and approaches the same problem from many different angles to appeal to every student's individual learning style.
- I think Wencai's strength lies in providing students with enthusiastic teaching coupled with an emphasis on understanding the foundations of linear algebra. He makes you understand each problem through the basic, core parts of linear algebra, connecting abstract topics to ones you can understand more easily.
- Kind, funny, helpful.

- Knowledgeable, friendly and approachable
- lecture note
- makes math fun, friendly nature, willingness to teach.
- perfect
- Perfect
- Professor Liu is very enthusiastic about his class and his lectures, so class doesn't get boring. He provides a lot of examples about what he's teaching so it helps us get a better understanding of the topic.
- Their ability to break concepts down for students so they could better understand them. Also, their ability to explain concepts in multiple ways and providing many examples.
- Very caring towards the students. An overall excellent professor.
- Very enthusiastic and knowledgeable about the course
- very intelligent
- Very passionate about the subject; answers any questions in class; gives lots of examples to strengthen understanding of concepts; has improved since last evaluation
- 7 blank answer(s).

### 2. How can this instructor improve as a teacher?

- - clearer speech - simplify concepts - give sample midterms and finals - repeat difficult concepts - speak clearly
- Accent and care more about students
- Can slow down and make sure every student is following along
- do not know
- exam is little hard
- Examples could be explained more clearly
- Explanation of concepts are a bit shaky; I find it difficult to understand.
- Good.
- Handwriting is mediocre. Legible...but not the best.
- He is great.
- His handwriting can be hard to read at times. It has improved over the quarter , but it could still use some work.
- if possible upload quizzes and solutions to it on the website.
- I think sometimes professor goes through the examples and lecture a little too quickly so it's difficult to try and copy the notes while following the lecture at the same time.
- lecture note can be more clear
- Lecture notes can still be somewhat hard to read.
- Make the notes more clear and with headings and subheadings.
- need more coordination with ta because he teaches different things sometimes
- no comment
- None that I can think of.
- Not all topic in a section are covered in lecture
- Perfect just keep it
- Sometimes the writing is unclear and you may speak a little too fast, but it isn't too much of a problem.

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- Speak slower and provide practice exams, be more organized
- The class notes can be more systematically and neatly presented . should also consider giving assignments or work for extra credit.
- The instructor could work on speaking a little bit slower. His accent is strong, but I have noticed that generally, no matter the strength of an accent, comprehension can always be improved by speaking more slowly.
- The only problems I have in class is reading the notes sometimes. I think the teaching can be improved by writing and labeling things clearly in the notes and lectures.
- Though his writing has gotten better, it can still be improved. In addition, I think he should improve on preventing errors from occurring in his notes (both the ones he posts and the ones he lectures on in class). Moreover, I think it would be helpful if he included more writing on the board. For example, in some cases, he skips a couple of steps, and he articulates those steps but does not write that on the board.
- Use more electronic environment tools to help. Upload midterm and final study guides or materials, not just handwritten notes.
- Work on his pronunciation of various math terms.
- Write a little more legible during lectures.
- Write larger on the board
- write more neatly
- 9 blank answer(s).

### 3. Any other comments about this course?

- English is a little difficult to understand.
- fun course
- Good.
- great professor
- I can't understand this accent or articulation of speech.
- I enjoyed this instructor's instruction and I feel as though he made a class that could have been excessively difficult more manageable.
- I think it is strange that the instructor and TA are doing their own things. In my other classes usually the instructor tells the TA how grading should be done and how the assignments should be. I think this will make assignments and grading more clear.
- I truly enjoyed being in his class. He made coming to class every day an enjoyable experience. He is a hard worker and a great teacher. I am glad to have had Professor Liu as my teacher this quarter.
- it was a little fast at first, but he slowed down and explain the material clearly.
- Loved it even though there are so many chances to make mistakes.
- n/a
- no
- No
- No.
- no comment
- None.

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- Overall, I think it was a very interesting course. I think I did generally very well in the class and had a positive experience. It was very interesting to see how linear algebra connected to other disciplines such as computer science and physics. And though this math had much simpler, algebraic calculations than calculus, it still remain relatively challenging, stimulating my interest with its abstractness but ability to surprise me.
- Perfect
- The course is good and useful
- the course is great.
- The only complain I have with this course is the horrible disconnection between Professor Liu and the TA. I felt like I was taking two separate classes because the lecture and discussion was so misaligned. Professor Liu taught amazingly, but the homework and quizzes assigned for discussion with the TA were completely unaligned with the pace Professor Liu was teaching at. Many times, I would take a quiz or do a homework to turn in to the TA during discussion, only to realize that Professor Liu hadn't even touched it yet. I feel like the discussion is completely separate from the lecture, which is very sad since Professor Liu is so great. I suggest that Professor Liu generates all the homework and quizzes himself so we aren't confused.
- This guy is a great teacher and delivers the ideas and concepts of linear algebra with little confusion
- You are a good teacher with only a few little flaws that are mentioned above. Other than that, the course was paced well, the exams were fair, and you made class interesting and it made going to lectures worthwhile. Thank you very much.
- 18 blank answer(s).

### B. Please choose the appropriate rating on the letter grade scale A to F:

'A' indicating an excellent and 'F' indicating a wholly inadequate performance. If you have no opinion on the question asked or if it does not apply, please select NA.

4. The course instructor shows enthusiasm for and is interested in the subject.

<b>34</b>	A	Value: 4
<b>3</b>	A-	Value: 3.7
<b>1</b>	B+	Value: 3.3
<b>2</b>	B	Value: 3
<b>0</b>	B-	Value: 2.7
<b>1</b>	C+	Value: 2.3
<b>0</b>	C	Value: 2
<b>0</b>	C-	Value: 1.7
<b>0</b>	D	Value: 1
<b>0</b>	F	Value: 0
<b>0</b>	NA	No Value
<b>3.87</b>	Mean	
<b>4.00</b>	Median	
<b>0.35</b>	Std Dev	

5. The course instructor stimulates your interest in the subject.

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<b>24</b>	A	Value: 4
<b>10</b>	A-	Value: 3.7
<b>1</b>	B+	Value: 3.3
<b>2</b>	B	Value: 3
<b>2</b>	B-	Value: 2.7
<b>1</b>	C+	Value: 2.3
<b>0</b>	C	Value: 2
<b>0</b>	C-	Value: 1.7
<b>0</b>	D	Value: 1
<b>1</b>	F	Value: 0
<b>0</b>	NA	No Value
<b>3.66</b>	Mean	
<b>4.00</b>	Median	
<b>0.71</b>	Std Dev	

6. The course instructor meets stated objectives of the course.

<b>28</b>	A	Value: 4
<b>7</b>	A-	Value: 3.7
<b>3</b>	B+	Value: 3.3
<b>1</b>	B	Value: 3
<b>0</b>	B-	Value: 2.7
<b>1</b>	C+	Value: 2.3
<b>1</b>	C	Value: 2
<b>0</b>	C-	Value: 1.7
<b>0</b>	D	Value: 1
<b>0</b>	F	Value: 0
<b>0</b>	NA	No Value
<b>3.78</b>	Mean	
<b>4.00</b>	Median	
<b>0.44</b>	Std Dev	

7. The course instructor is accessible and responsive.

<b>32</b>	A	Value: 4
<b>5</b>	A-	Value: 3.7
<b>2</b>	B+	Value: 3.3
<b>0</b>	B	Value: 3
<b>0</b>	B-	Value: 2.7
<b>1</b>	C+	Value: 2.3
<b>0</b>	C	Value: 2
<b>0</b>	C-	Value: 1.7
<b>1</b>	D	Value: 1
<b>0</b>	F	Value: 0
<b>0</b>	NA	No Value
<b>3.81</b>	Mean	
<b>4.00</b>	Median	
<b>0.54</b>	Std Dev	

8. The course instructor creates an open and fair learning environment.

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<b>29</b>	A	Value: 4
<b>5</b>	A-	Value: 3.7
<b>3</b>	B+	Value: 3.3
<b>1</b>	B	Value: 3
<b>1</b>	B-	Value: 2.7
<b>1</b>	C+	Value: 2.3
<b>0</b>	C	Value: 2
<b>0</b>	C-	Value: 1.7
<b>0</b>	D	Value: 1
<b>1</b>	F	Value: 0
<b>0</b>	NA	No Value
<b>3.72</b>	Mean	
<b>4.00</b>	Median	
<b>0.70</b>	Std Dev	

9. The course instructor encourages students to think in this course.

<b>31</b>	A	Value: 4
<b>5</b>	A-	Value: 3.7
<b>1</b>	B+	Value: 3.3
<b>1</b>	B	Value: 3
<b>1</b>	B-	Value: 2.7
<b>1</b>	C+	Value: 2.3
<b>0</b>	C	Value: 2
<b>0</b>	C-	Value: 1.7
<b>0</b>	D	Value: 1
<b>1</b>	F	Value: 0
<b>0</b>	NA	No Value
<b>3.75</b>	Mean	
<b>4.00</b>	Median	
<b>0.70</b>	Std Dev	

10. The course instructor's presentations and explanations of concepts were clear.

<b>23</b>	A	Value: 4
<b>7</b>	A-	Value: 3.7
<b>4</b>	B+	Value: 3.3
<b>1</b>	B	Value: 3
<b>1</b>	B-	Value: 2.7
<b>1</b>	C+	Value: 2.3
<b>3</b>	C	Value: 2
<b>0</b>	C-	Value: 1.7
<b>0</b>	D	Value: 1
<b>1</b>	F	Value: 0
<b>0</b>	NA	No Value
<b>3.54</b>	Mean	
<b>4.00</b>	Median	
<b>0.82</b>	Std Dev	

11. Assignments and exams covered important aspects of the course.

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<b>28</b>	A	Value: 4
<b>5</b>	A-	Value: 3.7
<b>4</b>	B+	Value: 3.3
<b>2</b>	B	Value: 3
<b>0</b>	B-	Value: 2.7
<b>1</b>	C+	Value: 2.3
<b>0</b>	C	Value: 2
<b>0</b>	C-	Value: 1.7
<b>0</b>	D	Value: 1
<b>1</b>	F	Value: 0
<b>0</b>	NA	No Value
<b>3.71</b>	Mean	
<b>4.00</b>	Median	
<b>0.69</b>	Std Dev	

12. What overall grade would you give this instructor?

<b>28</b>	A	Value: 4
<b>6</b>	A-	Value: 3.7
<b>3</b>	B+	Value: 3.3
<b>2</b>	B	Value: 3
<b>0</b>	B-	Value: 2.7
<b>0</b>	C+	Value: 2.3
<b>0</b>	C	Value: 2
<b>1</b>	C-	Value: 1.7
<b>0</b>	D	Value: 1
<b>1</b>	F	Value: 0
<b>0</b>	NA	No Value
<b>3.70</b>	Mean	
<b>4.00</b>	Median	
<b>0.73</b>	Std Dev	

13. What overall grade would you give this course?

<b>24</b>	A	Value: 4
<b>9</b>	A-	Value: 3.7
<b>3</b>	B+	Value: 3.3
<b>1</b>	B	Value: 3
<b>0</b>	B-	Value: 2.7
<b>0</b>	C+	Value: 2.3
<b>0</b>	C	Value: 2
<b>2</b>	C-	Value: 1.7
<b>0</b>	D	Value: 1
<b>2</b>	F	Value: 0
<b>0</b>	NA	No Value
<b>3.55</b>	Mean	
<b>4.00</b>	Median	
<b>0.96</b>	Std Dev	

### C. Please answer:

14. Based on completed assignments thus far, what is your current course grade or approximate standing?

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<b>18</b>	A	Value: 4
<b>19</b>	B	Value: 3
<b>1</b>	C	Value: 2
<b>1</b>	D	Value: 1
<b>1</b>	F	Value: 0
<b>1</b>	NA	No Value
<b>3.30</b>	Mean	
<b>3.00</b>	Median	
<b>0.84</b>	Std Dev	

15. How much academic dishonesty seemed to occur in this course? If applicable, please describe the type of academic dishonesty that occurred (not the particular students involved).

1.

- 1** A lot
- 10** Some
- 3** A little
- 27** None I could discern

2. Examples:

- Cheating on the tests.
- I noticed some students would sit in the back together with their friends and look over at each other's paper. This was when I was walking away after turning in my quiz, so even in my narrow window to see such activity, I still noticed it.
- I think I heard some people talking in Chinese during quizzes and tests and teachers didnt seem to care
- I witnessed some students cheating on the quizzes in discussion sections. Once I even had someone try to ask me a question during the quiz, but I ignored him and he left me alone.
- Some students were looking at other students' answers during midterms.
- Students using phones during exams
- There was obvious cheating during tests. Students would be telling their friends how to do the quizzes while packing to leave. I feel like this is unfair because my grade will be on the borderline, and I did not cheat at all.
- 34 blank answer(s).

16. How helpful were the textbooks and/or readings to your overall learning experience?

- 13** Very
- 16** Adequately
- 9** Somewhat
- 1** Not at all

17. How challenging was this course?

- 7** Very
- 26** Adequately
- 8** Somewhat
- 0** Not at all