Midterm Feedback Form (IRC) for Leung, Shing Yu MATH 105A LEC A (44509)

1. Please provide any comments that you'd like to make about this instructor's effectiveness as a teacher.

   - none
   - Detail and clear explaination. Examples are helpful for the homework.
   - Dr. Leung is an effective teacher. He is cosiderate and very helpful in and outside of the class.
   - The instructor seemed to be competent of the subject that he was talking about, and did a pretty okay job at explaining the subjects considered the 50 mins of class that he has.
   - He is very kind and nice.
   - Give more computational examples in class.
   - This guy is great. Lectures are focused, and pretty easy to understand if you read ahead.
   - Very good at explaining the material. Makes sure everyone understands the material and allows for questions if any arise. Great work!
   - He shows that he enjoys the material; explains concepts well and is always willing to help students.
   - none
   - Good explanations, very helpful during office hours.
   - He explains things clearly.
   - He is ethuasitic about class material. He inspires me to learn~~ Tim is Elite in applied math ^-^
   - Although I am aware that this is an upper division class, it would help a lot if he could avoid skipping some steps in solving math problems that may be too simple and automatic for him but not for others.
   - Covers material quickly and completely.
   - Enthusiastic and very interested in the topic. I like how you do a small recap of what we did the previous lecture because it is easier to follow with the new material
   - He is very approachable and shows a lot of enthusiasm in the topic matter. Lecture material is deeply involved in proofs and seems quite intimidating, but he is very fair. The homework can be hard at times, but he addresses all areas that pose as a challenge to students.
   - he is always willing to help students and really listens to thier concerns
   - moves too fast in class sometimes
   - Accent a bit hard to understand, but explains the material pretty well. Responsive to students.
   - The instructor rarely makes mistakes and rarely refers to his own notes while lecturing. His lectures are very structured and well-organized. Everything he writes on the board is legible and relevant.
   - Overall, Dr. Leung has been effective as a teacher. He explains the material clearly, and the brief reviews of the previous class at the beginning of class are helpful. The midterm was at an appropriate level. The main problem was that he spent too much time on the midterm review that could have been used to start some new material, especially considering that he then posted solutions online.
   - Helpful, not boring, good examples, explains things clearly
   - 5 blank answer(s).

2. Is there anything specific the instructor might do between now and the end of the course that might help you?

   - none

- have to slow down and explain materials clearly
- Dr. Leung's lectures go really FAST!. I wish we could see more examples that along with the theoretical material, or perhaos more questions adressed at the class. It could be helpful if students are more involved in the class. There is very little time to think things through if we are constantly rushing to copy things down from the board.
- The course text book that the instructor used in this class is horrifying. I study almost always through textbook, but this textbook is so bad and unclear that I have to spend so much time on just learning most of the subjects through google. The book's author is extremely lazy in his explaination, uses horrifying notations, and doesn't enough the use of examples. There is no solution manual, which makes it hard to study alone–i.e. me, since it is my first quarter at UCI, and I don't have anyone to study with.
- Be specific about how to do well on the exam.
- Make the final more easier than the midterm.
- Homework is too hard! I know we get plenty of help in class, etc., but this homework is killer.
- He should start lecture at 12:00 on the dot. Not before 12 since some of us have class before this one. A few more examples are greatly appreciated. Since a lot of people in the class are not math majors he should help us understand how to come up with proofs.
- none
- Slow down a little bit when showing examples, show more examples.
- Go through more examples.
- If he could be more accommodating to students that are of a lower skill level than others.
- Avoid doing too much proofs, maybe slow down a little.
- Goes fast sometimes and is kind of confusing
- N/A
- do more examples in class and go a little slower when teaching the material
- N/A
- He can write slightly larger on the board when subscripts are involved.
- It would be useful if Dr. Leung had our discussion TA, Mitchell Khong, prepare more in advance of discussion. This should include having worked out and being ready to present several problems, perhaps not on the homework, as examples in class the class has no questions for him, as has often been the case. This would prevent having to leave early.
- Please, provide us with more examples and probably slow down a bit. I personally feel that sometimes lectures are going too fast. PLEASE CONSIDER DROPPING THE LOWEST HW SCORE. THANK YOU VERY MUCH.
- 8 blank answer(s).

3. What teaching methods has this instructor used that you feel are helping you to learn the course material? (Check all that apply.)

0	Small group work
4	Discussion
3	Visual aids
1	Worksheets
25	Homework assignments
7	In-class practice
1	Field trips
0	Guest speakers

       2   Practice quizzes

       0   Role plays

       0   Close readings

       1   Lab work

       5   Problem-based learning

       1   Projects

       0   Research papers

       2   Demonstrations

       0   Community service or internship

4. What other methods has this instructor used (other than those listed above) that have helped you to learn?

- none
- i have no idea.
- Chalkboard.
- He is able to explain material in more than one way.
- Homework assignments encourage thinking and deeper understanding of concepts taught.
- Office hour is a very good way for me to learn.
- Although I haven't personally gone yet, I would think that consultations during office hours would be really helpful.
- I think the lectures are good and the examples from the lectures are helpful. If possible, more examples should be shown in class
- Clear and concise lectures and assigning homework consisting of proofs and computational work so that you have a better understanding of how the proofs work.
- In class examples.
- The instructor begins each class with a review of the material lectured in the previous session. He also provided a sample midterm and went over the solutions in class. In addition, he provides extra resources/references on his class website, and emails the students homework hints.
- Office Hours are great. He likes to help and does not discriminate.
- 16 blank answer(s).

5. Which methods do you feel have NOT been effective in helping you to learn? Why do you feel they have not been effective?

- none
- The TAs are horrifying, the one in discussion is rather lazy. I don't doubt his understanding of the course, but he's often lazy in his explainations; pretty much most of the time, he leaves the answers to the problems unresolved. For example, he would almost never clearly answer any questions to the homework problems, but rather answer another "easier" or "convinient" question, then ask the students to think about it. The TA or instructor in lab is simply horrifying because i doubt anyone would understand a word that comes out of his mouth, and he really needs to organized his lecture in more appropriate manner because I find that it's very unorganized and confusing.
- there was nothing ineffective.
- Discussion. The Discussion leader doesn't solve any problems to the homework and is lazy to compute the computational parts of the problem. The laboratory doesn't give enough examples on how to execute the mathematical methods.

- Homework is intimidating, and worth TOO MUCH of our grade.
- He writes too fast and explains material a little too fast. It will help if he would go a little slower.
- The black board is too small, therefore materials are constantly erased and posted in class. I have little time to copy material and to understand at the same time.
- Problem solving in class doesn't really help me much. Most problems have long solutions and so what happens most of the time is that we just rush through problem after problem without making sure that the solutions were clear.
- N/A
- N/A
- N/A
- 17 blank answer(s).

6. I feel that this instructor comes to class well-prepared to teach.

20	Strongly Agree
8	Agree
0	Disagree
0	Strongly Disagree
0	Not Applicable
3.71	Mean
4.00	Median
0.45	Std Dev

7. I feel that this instructor's presentations are well-organized.

13	Strongly Agree
13	Agree
2	Disagree
0	Strongly Disagree
0	Not Applicable
3.39	Mean
3.00	Median
0.62	Std Dev

8. I feel that this instructor's explanations are clear.

9	Strongly Agree
17	Agree
2	Disagree
0	Strongly Disagree
0	Not Applicable
3.25	Mean
3.00	Median
0.57	Std Dev

9. I feel that this instructor provides helpful examples to illustrate points/concepts.

10	Strongly Agree
15	Agree
2	Disagree
0	Strongly Disagree
0	Not Applicable
3.30	Mean
3.00	Median
0.60	Std Dev

10. I feel that this instructor allows enough opportunities for students to ask questions.

15	Strongly Agree
12	Agree
1	Disagree
0	Strongly Disagree
0	Not Applicable
3.50	Mean
4.00	Median
0.57	Std Dev

11. This instructor's handwriting (i.e., on the board or overhead) is legible.

11	Strongly Agree
15	Agree
0	Disagree
1	Strongly Disagree
0	Not Applicable
3.33	Mean
3.00	Median
0.67	Std Dev

12. This instructor speaks clearly.

7	Strongly Agree
20	Agree
1	Disagree
0	Strongly Disagree
0	Not Applicable
3.21	Mean
3.00	Median
0.49	Std Dev

13. This instructor speaks loudly enough for me to hear.

13	Strongly Agree
15	Agree
0	Disagree

    0   Strongly Disagree

    0   Not Applicable

  3.46   Mean

  3.00   Median

  0.50   Std Dev

14. I feel that the pace at which this instructor presents information is appropriate.

    6   Strongly Agree

  13   Agree

    9   Disagree

    0   Strongly Disagree

    0   Not Applicable

  2.89   Mean

  3.00   Median

  0.72   Std Dev

15. How many times have you contacted this instructor outside of class for assistance (i.e., gone to office hours; sent an e-mail; called on the telephone, etc.)?

  10   Never

  11   1-2 times

    5   3-4 times

    1   5-6 times

    1   7+ times

16. I feel that this instructor is helpful during office hours.

    8   Strongly Agree

    8   Agree

    0   Disagree

    0   Strongly Disagree

  12   Not Applicable

  2.00   Mean

  3.00   Median

  1.77   Std Dev

17. Estimate how often you participate in class each week (i.e., ask or answer a question, participate in group activities, work problems at the board, etc.).

  12   Never

    9   Once a week

    5   2-3 times a week

    1   4-5 times a week

    1   6-7 times a week

    0   8+ times a week

18. What might you do personally to improve your learning in this course? (Check all that apply.)

      13   Come prepared for class (i.e., complete the homework before class)

        7   Participate more in class

      12   Go to the instructor's office hours

        3   Go to the Learning & Academic Resource Center (LARC) for assistance

        8   E-mail the instructor with questions

      11   Study with my classmates outside of class

        3   Other:

19. Overall, what grade would you give this instructor?

A	A-	B+	B	B-	C+	C	C-	D	F
8	11	5	2	2	0	0	0	0	0

Not Applicable	Mean	Median	Std Dev
0	3.59	3.70	0.39

Final Evaluation (CTEF) for Leung, Shing Yu MATH 105A LEC A (44509)

1. **Please comment on the following areas and be as specific as possible:**
   What are the instructor's teaching strengths?

   - none
   - Tries to answer questions and to get students involved
   - Patient and encourages questions from students.
   - Dr Leung is excellent at explaining the motivation behind the topics discussed in class.
   - he is available for asking questions. he is willing to go over time after his office helping student with questions. That is what I call a TEACHER.
   - Able to explain the materials clearly
   - He's very responsive to emails as well as in office hours. His lectures are detailed and easy to understand. He writes out everything so you won't forget or get confused when try reading the notes at home.
   - The instructor is able to lecture without referring to his notes. His handwriting on the blackboard is very neat. His lectures are structured and easy to follow, and usually begins with a review of the previous session. He provides useful examples and gives hints on homework via email.
   - Fairness. Helpfulness during office hours.
   - Very organized.
   - He knows the material and presents it very clearly and thoroughly. He also provides ample material for exam preparation.
   - Always prepared, clear explanations.
   - goes over the material well, examples in class demonstrate material, takes time to review material from last lecture to help students refresh memory of previous discussion
   - Using concrete example to explain abstract idea
   - Is willing to be flexible, i.e. extending homework due dates.
   - Knows the material very well.
   - Excellent instructor. Needs to improve on the handwriting of the board so it can be legitable to read.
   - helping students understand material
   - comes prepare to class
   - Excellent.
   - Conciseness of concepts
   - He explains concepts well.
   - Detail and careful explaination. Homework assignments are very challenging.
   - Instructor is well organized and explains material at a moderate pace. Material covered in class meets the syllabus. Examples are executed beautifully. Fun professor. Classes are not boring.
   - Goes through important theorems/definitions thoroughly during lecture.
   - He is very interested in the subject and goes over each in every topic in great detail.
   - Writes everything clearly on the board, thourough with computations.
   - Thorough proofs.
   - He is approachable and helpful. He is compassionate in helping out his students. He is down to earth and this helps a lot since he can associate well with his students which makes the learning process more effective.

- Gives clear lectures on the general solutions to problems or methods. Speaks clearly, and makes sure before he moves on that the class understands. Understandable English.
- He is very clear and makes really good lecture note.
- Goes through material at a good pace. He isn't too slow, or too fast. Even though he writes fast, he goes over an explanation of it.
- Dr. Leung explains the material clearly. His review of the last lecture at the beginning of each lecture does a great job of reminding everyone what happened previously. For the most part, the assignments and exams have a reasonable mix of computation and theory.
- He is very knowledgeable of the material. He also comes prepared.
- really tries to help students and explain the material
- 8 blank answer(s).

2. How can this instructor improve as a teacher?

- none
- Slow down, lectures are sometimes fast. Drop lowest homework score
- His exams are too difficult.
- Slow down a bit in the class. its hard to write and listen to you because you either write too low on the board and I have to wait when the board is rised; therefore, I do not have time to listen.
- Assigned more computational homeworks from the book and less proofs.
- Provide examples with more real-life application. If we're approximating a function, at least make it a function that we can relate to in math/science/etc. Communicate what is needed on tests more clearly.
- Nothing comes to mind.
- goes a bit fast depending on the material being explained in lecture, maybe try talking a little bit slower
- Giving more hints on the HW problems. Assign easier HW problems. May consider extra credit and throw out the lowest HW
- Slow down, increase the number of examples similiar to what we will be tested on.
- Goes somewhat fast. Can slow down and make fewer mistakes.
- The instructor needs to be more organized and needs to talk more clearly (proper English) over the material.
- doing more examples in class
- organize lecture
- Explaining the concepts
- More flexibility regarding grading. He should let the lowest score of homework be dropped. Slower pace of instruction and give more concrete examples of concepts.
- N/A
- Professor needs not to be too strict. Be more lenient.
- Try to give more examples during lecture.
- Grading system is pretty brutal. I have never had a math class before where I could do virtualy any problem in the book and still be struggling to get a B in the course.
- Spend some more time with the theoretical/proof questions.
- Solve short examples from book or else where. Just tiny ones will do.

- Dr. Leung could go a lot slower in class, and explain/discuss the material he is covering a little bit more.
- Lectures may just be a little bit too fast.
- More examples of the actual problems instead of so many generalizations. Homework is sometimes very hard, and methods used to solve homework problems are not discussed very much or in great detail in the book or during lecture. Grading on homework is harsh considering its level of difficulty, and not knowing how much each problem is weighed
- I think he will be even better in the future.
- A little more on examples of proofs instead of just computational.
- It would be useful if Dr. Leung went slightly faster so that we could cover more material.
- I think he needs to slow down. Sometimes he just goes through the material quickly
- show more examples and go a little slower
- 13 blank answer(s).

3. Any other comments about this course?

- none
- This is an excellent class. the math department should offer this class every quarter. I know there are ICS student who wants to take this class but cant due to schedule problem
- Nope
- nothing else
- Cool
- None.
- instructor should slow down more and not assume we know the material
- Homework is a toughly graded
- N/A
- please have the Lab instructor be more consistent with his grading.
- Homework questions are very challenging. Going to discussion and office hours helped a lot.
- Way harder than it should be.
- A lot of the material is just computational and memorizing of methods. I would hope for the final exam to model it's material after the course homework. Otherwise it would have seemed like a waste to do so many similar computation problems.
- Homework was crazy hard.
- It is interesting and yet sometimes I can't help but think that it's just a lot of tedious computations for otherwise easy to obtain results.
- I really do enjoy this course. (Except the programming part of it.)
- Just keep good works. He is the best math teacher ever.
- The material that we covered did not correlate well with what was listed in the catalog fore this class. We omitted several key topics listed for 105A, but covered several from 105B in a manner to make the material clearer. However, some of the topics listed for 105B (e.g. splines, Gaussian quadrature) are just slight extensions of the material for 105A, so they should have been included in this class.
- 25 blank answer(s).

4. **Please choose the appropriate rating on the letter grade scale A to F indicated below, with A indicating excellent and F indicating wholly inadequate performance. If you have no opinion on the question asked or if it does not apply, please mark NA.**
   The course instructor shows enthusiasm for and is interested in the subject.

A	A-	B+	B	B-	C+	C	C-	D	F	NA
23	15	2	2	0	0	0	0	0	0	1

Mean	Median	Std Dev
3.81	4.00	0.26

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
11	17	6	5	3	0	0	0	0	0	1

Mean	Median	Std Dev
3.57	3.70	0.40

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
21	10	6	5	0	0	0	0	0	0	1

Mean	Median	Std Dev
3.71	3.85	0.36

7. The course instructor is accessible and responsive.

A	A-	B+	B	B-	C+	C	C-	D	F	NA
25	10	3	1	0	0	0	0	0	0	4

Mean	Median	Std Dev
3.84	4.00	0.25

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
23	9	6	2	0	0	0	0	0	0	2

Mean	Median	Std Dev
3.78	4.00	0.31

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
16	13	6	5	2	0	0	0	0	0	1

Mean	Median	Std Dev
3.63	3.70	0.40

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
19	8	8	5	2	0	0	0	0	0	1

Mean	Median	Std Dev
3.63	3.70	0.41

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
18	12	9	1	1	1	0	0	0	0	1

Mean	Median	Std Dev
3.67	3.70	0.39

12. What overall grade would you give this instructor?

A	A-	B+	B	B-	C+	C	C-	D	F	NA
17	16	6	1	1	0	0	0	0	0	1

Mean	Median	Std Dev
3.72	3.70	0.31

13. What overall grade would you give this course?

A	A-	B+	B	B-	C+	C	C-	D	F	NA
8	16	7	6	1	0	2	0	0	0	2

Mean	Median	Std Dev
3.48	3.70	0.49

14. **Please answer:**

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

A	B	C	D	F	NA	Mean	Median	Std Dev
10	21	8	0	0	4	3.05	3.00	0.68

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).

A lot	Some	A little	None I could discern
0	2	4	37

Mean	Median	Std Dev
0.19	0.00	0.49

  1. Examples:
     - turning in homework at the end of discussion after the homework has already been discussed and answered.
     - Let's keep it in the down low.
     - 41 blank answer(s).

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

Very	Adequately	Somewhat	Not at all
5	28	8	2

Mean	Median	Std Dev
1.84	2.00	0.68

17. How challenging was this course?

Very	Adequately	Somewhat	Not at all
17	24	2	0

Mean	Median	Std Dev
2.35	2.00	0.57

Midterm Feedback Form (TLTC) for LEUNG, Shing Yu MATH 105B LEC A (44509), Winter 2007

1. Please provide any comments that you'd like to make about this instructor's effectiveness as a teacher.

   - Dr. Leung does a great job teaching our class. However, he should force Mitchell, our TA, to prepare in advance of class. This preparation should especially include working out all of the homework problems before discussion and selecting several sample questions (likely not on the homework) to solve in discussion if no one has any questions.
   - love his lectures provides help and makes learning material much easier
   - he really wants his students to understand the material and really listens to thier concerns
   - Excellent instructor.
   - no comment
   - 2 blank answer(s).

2. Is there anything specific the instructor might do between now and the end of the course that might help you?

   - its not that of a big deal but it would be great if at times he can slow down just a bit.
   - slow down more because he is covering a lot of material kind of fast, maybe incorporate some important and useful matlab codes into his lecture to help us with the homework
   - None.
   - no comment
   - 3 blank answer(s).

3. What teaching methods has this instructor used that you feel are helping you to learn the course material? (Check all that apply.)

0	Small group work
1	Discussion
1	Visual aids
0	Worksheets
5	Homework assignments
4	In-class practice
0	Field trips
0	Guest speakers
0	Practice quizzes
0	Role plays
0	Close readings
2	Lab work
2	Problem-based learning
1	Projects
0	Research papers
2	Demonstrations
0	Community service or internship

4. What other methods has this instructor used (other than those listed above) that have helped you to learn?

   - his office hours have been extremely helpful

- None.
- no comment
- 4 blank answer(s).

5. Which methods do you feel have NOT been effective in helping you to learn? Why do you feel they have not been effective?

   - the homework is too much too fast and it is hard to grasp the concepts because you just want to make sure you finish it and have something to turn in
   - None.
   - no comment
   - 4 blank answer(s).

6. I feel that this instructor comes to class well-prepared to teach.

5	Strongly Agree
2	Agree
0	Disagree
0	Strongly Disagree
0	Not Applicable
3.71	Mean
4.00	Median
0.45	Std Dev

7. I feel that this instructor's presentations are well-organized.

3	Strongly Agree
4	Agree
0	Disagree
0	Strongly Disagree
0	Not Applicable
3.43	Mean
3.00	Median
0.49	Std Dev

8. I feel that this instructor's explanations are clear.

4	Strongly Agree
3	Agree
0	Disagree
0	Strongly Disagree
0	Not Applicable
3.57	Mean
4.00	Median
0.49	Std Dev

9. I feel that this instructor provides helpful examples to illustrate points/concepts.

5	Strongly Agree

    2   Agree

    0   Disagree

    0   Strongly Disagree

    0   Not Applicable

3.71   Mean

4.00   Median

0.45   Std Dev

10. I feel that this instructor allows enough opportunities for students to ask questions.

    3   Strongly Agree

    4   Agree

    0   Disagree

    0   Strongly Disagree

    0   Not Applicable

3.43   Mean

3.00   Median

0.49   Std Dev

11. This instructor's handwriting (i.e., on the board or overhead) is legible.

    4   Strongly Agree

    3   Agree

    0   Disagree

    0   Strongly Disagree

    0   Not Applicable

3.57   Mean

4.00   Median

0.49   Std Dev

12. This instructor speaks clearly.

    5   Strongly Agree

    2   Agree

    0   Disagree

    0   Strongly Disagree

    0   Not Applicable

3.71   Mean

4.00   Median

0.45   Std Dev

13. This instructor speaks loudly enough for me to hear.

    6   Strongly Agree

    1   Agree

    0   Disagree

    0   Strongly Disagree

0	Not Applicable
3.86	Mean
4.00	Median
0.35	Std Dev

14. I feel that the pace at which this instructor presents information is appropriate.

3	Strongly Agree
3	Agree
1	Disagree
0	Strongly Disagree
0	Not Applicable
3.29	Mean
3.00	Median
0.70	Std Dev

15. How many times have you contacted this instructor outside of class for assistance (i.e., gone to office hours; sent an e-mail; called on the telephone, etc.)?

1	Never
3	1-2 times
2	3-4 times
0	5-6 times
1	7+ times

16. I feel that this instructor is helpful during office hours.

4	Strongly Agree
1	Agree
0	Disagree
0	Strongly Disagree
2	Not Applicable
3.80	Mean
4.00	Median
0.40	Std Dev

17. Estimate how often you participate in class each week (i.e., ask or answer a question, participate in group activities, work problems at the board, etc.).

3	Never
1	Once a week
2	2-3 times a week
1	4-5 times a week
0	6-7 times a week
0	8+ times a week

18. What might you do personally to improve your learning in this course? (Check all that apply.)

    1.

       0   Come prepared for class (i.e., complete the homework before class)

       0   Participate more in class

       0   Go to the instructor's office hours

       0   Go to the Learning & Academic Resource Center (LARC) for assistance

       0   E-mail the instructor with questions

       0   Study with my classmates outside of class

       0   Other:

2.

- No responses.

19. Overall, what grade would you give this instructor?

A	A-	B+	B	B-	C+	C	C-	D	F
5	1	0	0	1	0	0	0	0	0

Not Applicable	Mean	Median	Std Dev
0	3.77	4.00	0.45

Final Evaluation (CTEF) for LEUNG, Shing Yu MATH 105B LEC A (44509), Winter 2007

1. **Please comment on the following areas and be as specific as possible:**
   What are the instructor's teaching strengths?

   - Organized. Lead students follow up easily.
   - Dr. Leung explains the material well. His reviews at the beginning of class are helpful, although they may be too long. His homework & exams are reasonable and contain an appropriate mixture of computational and theoretical problems.
   - patient and explains material clear
   - lectures are clear and well structured
   - Giving the outline of the curriculum and giving examples.
   - I really appreaciate his actually ability to keep a class genuinely interested in course material. Except for the proofs which tend to be long and a little dull.
   - his knowledge on the subject is thorough. very helpful in office hours. very dedicated teacher. responsive.
   - explains material well, adjusts speed of the class material when necessary, very helpful during office hours
   - He can lecture without referring to his notes too often. His handwriting is very neat, and his explanations are easy to understand.
   - well prepared, seems to enjoy the course
   - none
   - Lots of examples. Easy to ask questions to.
   - Intructor goes over concepts very clearly and gives examples that are closely related to the homework and exam problems.
   - He really makes the material understandable. He explains it very well and gives the students an intuitive feel to an otherwise abstract subject.
   - Explains material. Is willing to help students outside and during class. Friendly and fun professor.
   - really tries to help students, especially in office hours gives practice exams
   - great teaching skills, helpful and informative.
   - -
   - 3 blank answer(s).

2. How can this instructor improve as a teacher?

   - N/A
   - For theoretical problems, Dr. Leung should ensure that the numbers are reasonable (ie. not winding up with ugly fractions or square roots) so that it is possible to do the computations by hand. It might be useful at times to give a second problem to be done by computer. Finally, it might be good to reduce the amount of time spent on review to allow for covering more material.
   - hmmmm maybe slow down a bit
   - some homework problems are very tedious
   - No comment.
   - go over the material more slowly
   - The instructor should post the homework solutions sooner online.
   - I think he's a good teacher already.

- none
- Several times topics were called by a different name in the homework than in the textbook, and anybody that missed that one specific lecture would be confused as to what the homework referred to. Consistency between website/book/lecture would help.
- It might help to go over some MATLAB operations for the computational homework problems. Even if you go to the lab, it may be confusing.
- N/A
- Please, maybe you can slow down when writing on the board. You seem to go very fast and I find myself behind.
- should show as many examples as he can go over practice exames more thoroughly
- nothing really he is great
- -
- 5 blank answer(s).

3. Any other comments about this course?

- N/A
- professor has done an extremely great job!!!! oh yeah, one more thing, midterm was long maybe less problems next timne
- No comment.
- Awesome!
- difficult class
- none
- This TA for this course ruined the potential for it becoming a great course.
- Go to every lecture and take good notes. This quarter, the lectures helped more than the textbook.
- Great Class, the professor is awesome and he makes the subject interesting. The TA isn't very good though.
- NA
- -
- 10 blank answer(s).

4. **Please choose the appropriate rating on the letter grade scale A to F indicated below, with A indicating excellent and F indicating wholly inadequate performance. If you have no opinion on the question asked or if it does not apply, please mark NA.**
The course instructor shows enthusiasm for and is interested in the subject.

A	A-	B+	B	B-	C+	C	C-	D	F	NA
14	6	0	1	0	0	0	0	0	0	0

Mean	Median	Std Dev
3.87	4.00	0.24

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
10	6	4	1	0	0	0	0	0	0	0

Mean	Median	Std Dev
3.73	3.70	0.31

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
13	5	2	1	0	0	0	0	0	0	0

Mean	Median	Std Dev
3.81	4.00	0.28

7. The course instructor is accessible and responsive.

A	A-	B+	B	B-	C+	C	C-	D	F	NA
15	5	0	1	0	0	0	0	0	0	0

Mean	Median	Std Dev
3.88	4.00	0.23

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
14	5	1	1	0	0	0	0	0	0	0

Mean	Median	Std Dev
3.85	4.00	0.26

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
13	4	3	1	0	0	0	0	0	0	0

Mean	Median	Std Dev
3.80	4.00	0.30

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
14	2	3	2	0	0	0	0	0	0	0

Mean	Median	Std Dev
3.78	4.00	0.35

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
14	4	1	2	0	0	0	0	0	0	0

Mean	Median	Std Dev
3.81	4.00	0.32

12. What overall grade would you give this instructor?

A	A-	B+	B	B-	C+	C	C-	D	F	NA
14	3	2	1	0	0	0	0	0	0	0

Mean	Median	Std Dev
3.84	4.00	0.29

13. What overall grade would you give this course?

A	A-	B+	B	B-	C+	C	C-	D	F	NA
13	4	2	2	0	0	0	0	0	0	0

Mean	Median	Std Dev
3.78	4.00	0.33

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

A	B	C	D	F	NA	Mean	Median	Std Dev
8	10	2	0	0	1	3.30	3.00	0.64

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.

A lot	Some	A little	None I could discern
1	0	0	20

Mean	Median	Std Dev
0.14	0.00	0.64

2. Examples:

- Some students would not show up to lectures.
- 20 blank answer(s).

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

Very	Adequately	Somewhat	Not at all
2	12	2	5

Mean	Median	Std Dev
1.52	2.00	0.96

17. How challenging was this course?

Very	Adequately	Somewhat	Not at all
5	15	0	1

Mean	Median	Std Dev
2.14	2.00	0.64

Faculty S07 for LEUNG, Shing Yu MATH 107 LEC A (44660), Spring 2007

1. **Please comment on the following areas and be as specific as possible.**
   What are the instructor's teaching strengths?

   - explains material well in lecture, goes over material again if needed, takes time for any questions about material
   - Professor Leung makes the material fairly clear. He covered the material to an appropriate depth. His quick reviews of the previous lecture and the setting for the current numerical method were useful. The theoretical problems for the homework were at a reasonable depth.
   - Great teacher. Understandable and strong knowledge of material.
   - -
   - he really cares about his students and tries his best to help them
   - very dedicated and patient. he gives out practice midterm and final. he goes over them too quickly though.
   - Excellent in explaining concepts.
   - Very knowledgeable in this subject. Well thought out notes for class.
   - 2 blank answer(s).

2. How can this instructor improve as a teacher?

   - 2nd half of class fell apart lectures are too fast sometimes, don't know what's going on.
   - different office hours
   - It would have been useful if Professor Leung had gone over the calculational problems that he wanted us to do by hand on his own prior to assigning them; this would have ensured that the numbers involved would have been easy to work with instead of involving exceptionally messy fractions. In addition, he sometimes gave us a few too many computational problems to complete each week; it would have been better if these were spaced out more. His midterm was too long for a 50 minute class; it should have been designed to be slightly shorter. Finally, he should have worked to ensure that the homework problems covered all of the material covered in class.
   - He's great.
   - hope more specific example.
   - there shouldnt be homework dues week ten because students get very overwhelmed with having to understand and work out the finals study guide and do the lab project for the lab class. also more examples that can be done in class more thoroughly would be greatly apprecaited. it is hard to follow the notes sometimes.
   - give more actual examples. maybe if he doesn't have time in class, he should post up the examples online. examples help us do our homework and understand the concept better. maybe he shouldn't give hwk in 10th week cause it's hard to focus on the final. he posts up solution for the past homework, which helps in studying for the final
   - None.
   - Pay him more.
   - 1 blank answer(s).

3. Any other comments about this course?

   - lab was incredibly useless as usual, i think most people went 0 times to it. professor liu had no curriculum or plan or anything for the lab, infact prof leung's homeworks were comprehensive enough to cover programming in matlab. also the textbook is awful, it is the hardest thing to understand and read ever. it's notation is very random and skips around.

- need two discussion sections and two lab sections per week like previous courses is better than having only one of each per week
- Got pretty hard(time consuming) towards the end.
- -
- this course is extremely difficult
- No comment.
- IT ROCKS!!
- 3 blank answer(s).

4. **Please mark the appropriate rating. If you have no opinion on the question asked or if it does not apply, please mark "Not Applicable."**
   The course instructor shows enthusiasm for and is interested in the subject.

6	9 (Excellent)
2	8
2	7
0	6 (Good)
0	5
0	4
0	3 (Fair)
0	2
0	1 (Barely Satisfactory)
0	0 (Unsatisfactory)
0	Not Applicable
8.40	Mean
9.00	Median
0.80	Std Dev

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

6	9 (Excellent)
2	8
0	7
2	6 (Good)
0	5
0	4
0	3 (Fair)
0	2
0	1 (Barely Satisfactory)
0	0 (Unsatisfactory)
0	Not Applicable
8.20	Mean
9.00	Median
1.17	Std Dev

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

7	9 (Excellent)
2	8
1	7
0	6 (Good)
0	5
0	4
0	3 (Fair)
0	2
0	1 (Barely Satisfactory)
0	0 (Unsatisfactory)
0	Not Applicable
8.60	Mean
9.00	Median
0.66	Std Dev

7. The course instructor is accessible and responsive.

7	9 (Excellent)
3	8
0	7
0	6 (Good)
0	5
0	4
0	3 (Fair)
0	2
0	1 (Barely Satisfactory)
0	0 (Unsatisfactory)
0	Not Applicable
8.70	Mean
9.00	Median
0.46	Std Dev

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

7	9 (Excellent)
2	8
1	7
0	6 (Good)
0	5
0	4
0	3 (Fair)
0	2
0	1 (Barely Satisfactory)
0	0 (Unsatisfactory)

0	Not Applicable
8.60	Mean
9.00	Median
0.66	Std Dev

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

6	9 (Excellent)
3	8
0	7
1	6 (Good)
0	5
0	4
0	3 (Fair)
0	2
0	1 (Barely Satisfactory)
0	0 (Unsatisfactory)
0	Not Applicable
8.40	Mean
9.00	Median
0.92	Std Dev

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

4	9 (Excellent)
1	8
3	7
1	6 (Good)
0	5
0	4
1	3 (Fair)
0	2
0	1 (Barely Satisfactory)
0	0 (Unsatisfactory)
0	Not Applicable
7.40	Mean
7.50	Median
1.80	Std Dev

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

5	9 (Excellent)
1	8
2	7
2	6 (Good)
0	5

   0   4

   0   3 (Fair)

   0   2

   0   1 (Barely Satisfactory)

   0   0 (Unsatisfactory)

   0   Not Applicable

7.90   Mean

8.50   Median

1.22   Std Dev

12. What overall evaluation would you give this instructor?

   6   9 (Excellent)

   1   8

   3   7

   0   6 (Good)

   0   5

   0   4

   0   3 (Fair)

   0   2

   0   1 (Barely Satisfactory)

   0   0 (Unsatisfactory)

   0   Not Applicable

8.30   Mean

9.00   Median

0.90   Std Dev

13. What overall evaluation would you give this course?

   3   9 (Excellent)

   2   8

   0   7

   2   6 (Good)

   1   5

   1   4

   0   3 (Fair)

   0   2

   0   1 (Barely Satisfactory)

   0   0 (Unsatisfactory)

   0   Not Applicable

7.11   Mean

8.00   Median

1.79   Std Dev

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

A	B	C	D	F	NA	Mean	Median	Std Dev
2	4	3	0	0	1	2.89	3.00	0.74

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.
A lot	Some	A little	None I could discern
0	0	0	10

Mean	Median	Std Dev
0.00	0.00	0.00

    2. Examples:
       - 10 blank answer(s).

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

Very	Adequately	Somewhat	Not at all
4	3	1	2

Mean	Median	Std Dev
1.90	2.00	1.14

17. How challenging was this course?

Very	Adequately	Somewhat	Not at all
4	4	1	1

Mean	Median	Std Dev
2.10	2.00	0.94

Midterm Feedback Form (TLTC) for Leung, Shing Yu MATH 3A LEC B (44403), Winter 2008

1. Please provide any comments that you'd like to make about this instructor's effectiveness as a teacher.

   - The instructor makes sure beforehand that if we have any problems within the class or while doing the homework, he is always available to help us and his lessons are effective for my learning.
   - He works around our schedule and is there when we need help.
   - Perhaps make a sample midterm and a sample final for students.
   - He's a nice teacher that goes through the material in a fairly easy to understand way.
   - He's pretty good.
   - The speed of the lectures are often overwhelming.
   - Sometimes hard to understand, and he sometimes has a hard time understanding questions students ask. Also need more feedback on our homework to know how to work the problems out on the test.
   - I hope he will slow down a little bit. I guess it would make students to understand better.
   - All of the explanations of concepts are very clear. Very helpful.
   - The teacher goes through the theorems in the book and gives examples in class.
   - He was very well organized and effective as a teacher
   - He's a good teacher.
   - not so great
   - He is open to the students, and allows students to ask q's. He is available in office hours.
   - Teaching pace is good, ratio of examples to theory is good, explanations are clear and helpful!
   - Professor is kind and patient, but if students don't speak up he can move too quickly at times.
   - He is a good professor, but he Llctures too quickly; doesn't give us enough time to jot down notes and keep up with him. Also, his midterm was TOO difficult. I understand that he made it difficult to test if we really understood the material, but when you see that the class average on the midterm was around a 50%, that tells you that it was too difficult.
   - I believe that the instructor is a fairly effective teacher. The instructor definitely knows the content of the class and assigns homework problems that give us good practice on the concepts.
   - 10 blank answer(s).

2. Is there anything specific the instructor might do between now and the end of the course that might help you?

   - The instructor tends to go in a quick pace but I guess that is how it is.
   - I think he can concentrate more on how to do the problems. It is more helpful if he shows us how to do examples than concentrating in proving the theorems.
   - Return all the homework before the final and make a sample final. Go over homework problems because some are confusing and the book is not much help sometimes.
   - Slow down a tad bit when going through examples.
   - Examples from the homework during class that clearly depict the concepts would help.
   - To slow down when lecturing. He writes down a bunch of stuff on the board quickly and talks fast too.
   - work more on examples that are expected of us in our homework and in the exam.
   - I wish he can give more examples.
   - Everything is excellent for now.

- The teacher can give more examples of potential test questions instead of giving us some questions that were not expected.
- Go a little slower because material/notation is hard to comprehend sometimes.
- He should spend more time explaining the stuff. He writes too much and spends all the time writing on the board.
- the instructor can slow down when speaking in lecture, lectures feel too fast, and it is hard to comprehend at this tempo.
- Yes, slow down! I feel like the whole class I am just trying to catch up and jot down all his notes. He should take a minute after he writes down each chunk of information to let us try to understand it, before he moves onto the next step of the problem.
- I feel like although the midterm did have to do with the concepts we learned it was used in a different context then the homework and the examples shown in class so it was a lot harder.
- There were a couple of questions on the midterm that were pretty conceptual, and most of the homework questions to me were fairly concrete compared to the midterm, so maybe working on conceptual examples in class (like the midterm question about proving the vector y was linearly independent for $y = Ax$) may prepare us better for a similar midterm.
- More examples would definitely help, or if time is short then have the TA focus mainly on specific examples with the theories we learn in lecture so we're better prepared for what to expect and how to tackle problems in HW and tests.
- I think the midterm, or final now, should be made easier; i think it should reflect our homework problems because that is what we learn. It's fine to put hard problems, but the test should not all be hard problems.
- I would prefer to have more examples to understand the theorems and definitions more clearly.
- Slow down. simplify the theories and examples. Whole matrices as a vector???
- The instructor definitely needs to slow down during lecture. The instructor writes way too fast and the students spend most of class trying to catch up to his notes rather than listen to what he is saying. Also, instead of doing many examples, the instructor should do fewer examples more slowly so that the students can soak in the concepts.
- i believe that he should not only do simple problems as e,xamples, but he should also do examples that might show up on midterm of final. The homework problems were simple to do and the examples given were also simple to follow that the midterm given was unexpected, meaning that the problms in midterm were unexpected because problems from homework and examples form lecture were easier.
- 6 blank answer(s).

3. What teaching methods has this instructor used that you feel are helping you to learn the course material? (Check all that apply.)

0	Small group work
5	Discussion
2	Visual aids
1	Worksheets
24	Homework assignments
8	In-class practice
0	Field trips
0	Guest speakers
2	Practice quizzes
0	Role plays

0	Close readings
0	Lab work
5	Problem-based learning
0	Projects
0	Research papers
3	Demonstrations
0	Community service or internship

4. What other methods has this instructor used (other than those listed above) that have helped you to learn?

   - He goes over the lessons with proof and examples for better understanding.
   - NA
   - He has posted homework solutions that help a bit.
   - None others.
   - -
   - Give us a lot of examples.
   - His office hour helps!
   - The instructor posts up the solutions to the homework after we turn it in and after he grades it.
   - well organized lecture notes
   - Office Hours help.
   - office hours discussions
   - ——
   - Examples help me understand some concepts better.
   - when he does use examples, those really help me learn. As well, going into Office Hours also helped me.
   - 14 blank answer(s).

5. Which methods do you feel have NOT been effective in helping you to learn? Why do you feel they have not been effective?

   - NA
   - The TA goes over homework problems but he doesn't finish them. He only finishes half of the problems he tries to explain and leaves the rest unfinished. I would like for the TA to go over problems he inroduces fully in order for the class to learn effectively.
   - None.
   - -
   - Proving certain theorems that are also proved in the book.
   - Nothing so far.
   - Sometimes he should give harder examples in which we can actually apply it instead of just theorems.
   - none
   - Packing too much material and too many examples in lectures. The homeworks are too long and take away from time which would otherwise be spent studying for the subject. There was a long assignment due the day before the midterm, which tired out students before the exam.

- in-class practice. i feel the instructor gives the most simple problems in class and for homework, and on quizzes and the midterm gives us difficult problems that we don't know how to do.
- —-
- I can't think of any.
- I am not that theoretical and its hard to grasp the concepts and use them effectively.
- The simple examples they are similar to the ones given in the book.
- 14 blank answer(s).

6. I feel that this instructor comes to class well-prepared to teach.

12	Strongly Agree
15	Agree
0	Disagree
0	Strongly Disagree
0	Not Applicable
3.44	Mean
3.00	Median
0.50	Std Dev

7. I feel that this instructor's presentations are well-organized.

10	Strongly Agree
17	Agree
0	Disagree
0	Strongly Disagree
0	Not Applicable
3.37	Mean
3.00	Median
0.48	Std Dev

8. I feel that this instructor's explanations are clear.

3	Strongly Agree
14	Agree
9	Disagree
0	Strongly Disagree
1	Not Applicable
2.77	Mean
3.00	Median
0.64	Std Dev

9. I feel that this instructor provides helpful examples to illustrate points/concepts.

5	Strongly Agree
14	Agree
7	Disagree
0	Strongly Disagree

1	Not Applicable
2.92	Mean
3.00	Median
0.67	Std Dev

10. I feel that this instructor allows enough opportunities for students to ask questions.

6	Strongly Agree
18	Agree
2	Disagree
1	Strongly Disagree
0	Not Applicable
3.07	Mean
3.00	Median
0.66	Std Dev

11. This instructor's handwriting (i.e., on the board or overhead) is legible.

9	Strongly Agree
17	Agree
1	Disagree
0	Strongly Disagree
0	Not Applicable
3.30	Mean
3.00	Median
0.53	Std Dev

12. This instructor speaks clearly.

6	Strongly Agree
17	Agree
2	Disagree
0	Strongly Disagree
1	Not Applicable
3.16	Mean
3.00	Median
0.54	Std Dev

13. This instructor speaks loudly enough for me to hear.

11	Strongly Agree
15	Agree
1	Disagree
0	Strongly Disagree
0	Not Applicable
3.37	Mean
3.00	Median

0.55   Std Dev

14. I feel that the pace at which this instructor presents information is appropriate.

  3 Strongly Agree

  12 Agree

  12 Disagree

  0 Strongly Disagree

  0 Not Applicable

  2.67 Mean

  3.00 Median

  0.67 Std Dev

15. How many times have you contacted this instructor outside of class for assistance (i.e., gone to office hours; sent an e-mail; called on the telephone, etc.)?

  9 Never

  9 1-2 times

  8 3-4 times

  1 5-6 times

  0 7+ times

16. I feel that this instructor is helpful during office hours.

  5 Strongly Agree

  10 Agree

  0 Disagree

  0 Strongly Disagree

  12 Not Applicable

  3.33 Mean

  3.00 Median

  0.47 Std Dev

17. Estimate how often you participate in class each week (i.e., ask or answer a question, participate in group activities, work problems at the board, etc.).

  13 Never

  7 Once a week

  6 2-3 times a week

  1 4-5 times a week

  0 6-7 times a week

  0 8+ times a week

18. What might you do personally to improve your learning in this course? (Check all that apply.)

  1.

    7 Come prepared for class (i.e., complete the homework before class)

    7 Participate more in class

    20 Go to the instructor's office hours

      3   Go to the Learning & Academic Resource Center (LARC) for assistance

      5   E-mail the instructor with questions

    13   Study with my classmates outside of class

      0   Other:

2.

- learn examples from outside resources like texts from science library
- hopefully get lucky when it comes to the final, and the problems on the final are problems that we have done.
- 26 blank answer(s).

19. Overall, what grade would you give this instructor?

A	A-	B+	B	B-	C+	C	C-	D	F
3	8	4	7	3	0	0	0	0	0

Not Applicable	Mean	Median	Std Dev
1	3.36	3.30	0.42

Final Evaluation (CTEF) for LEUNG, Shing Yu MATH 3A LEC B (44403), Winter 2008

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

1. What are the instructor's teaching strengths?

- Knows material very well.
- He covers the books examples and gives good examples.
- He knows the material well. He explains by example.
- To be honest, I study best from the book, by myself. I don't go to lectures.
- The instructor knows the material very well.
- he is knows the subject very well.
- Did a little review before each lecture.
- Shows plenty of examples. Does not digress and stays on topic
- he really answers the questions that students have in class.
- Knowledge of the subject. Good attitude.
- He explains things really well, and he has incredible enthusiasm for the subject
- Knows the material very well, able to explain the concepts that he covers clearly.
- Very eligible handwriting, doesn't cram everything onto one board.
- He follows the schedule; however, I hope that he goes a little bit slow so students can understand better.
- knowledge of material, ease to approach, willing to answer questions or explain
- Teach us with the appropriate materials. Good examples presented.
- The instructor is definitely prepared for each lecture. There is no question whether or not he knows the material inside and out.
- Gives a lot of examples to explain topics, fairly easy to understand.
- He seems to know his stuff. And office hours were helpful.
- Very thorough, gives lots of examples.
- He is very dedicated and is willing to help the students a lot
- The instructor teaches the definitions of different math terms in each section of the chapter and gives examples.
- He tries to answer all the questions the students pose for him and he goes through the material sufficiently in every class session.
- Very informative and knew his material
- A lot better than Donaldson. Read– ALOT. ALOT ALOT.
- He is friendly and keeps you focused.
- N/A
- All of the lectures are very clear and there is always time for questions.
- He gives the prof of a certain topic then follows by examples.
- 10 blank answer(s).

2. How can this instructor improve as a teacher?

- Slowing down to see if the class gets it as a whole.
- Do some homework examples to give students a wider view of how the elements of the class can be applied to different types of problems.

- He covers too much information and his tests are very difficult. The class average is fairly low. He should try to slow down his pace.

- I feel it would have been helpful if the solutions to the more conceptual problems in homework were posted online. Just being able to see an example problem worked out really speeds up understanding.

- The instructor could cover the material in a slower manner instead of cramming in many examples.

- he can go a lot slower, he goes really fast in class, you don't really learn because you can't even keep up with him. i think this is why people stopped come to class.

- Move a little slower.

- sometimes he messes up and it's understandable but he should go over his notes, so not to waste time.

- Maybe lecture notes

- He goes really fast, he can slow down.

- While the explanations that are generalized are explained as clearly as possible, they are still somewhat hard to understand by their nature. I'm not saying to skip the generalized examples at all, but maybe to supplement them with a more specific example. For example, when we covered the projection of some general kind of element (vector, matrix, polynomial, etc.) onto some subspace, it was a little confusing. But when we covered a special case in Rˆn with vectors, the concept was a bit more understandable.

- He doesn't really make sure that we understand it, but then maybe it's because it is lecture and he is just trying to give us the notes. At the same time, he is covering too much material in one lecture. More examples would be appreciated, and it would help very much if he slowed down QUITE a bit.

- If he gives more examples, it will help a lot.

- hard to follow on occasion

- A bit more clear on some concept is crucial.

- The instructor does not know how to teach the material. Material is presented way too fast and there is really no time for students to absorb the information. I feel that nothing is really taken away after lecture. It is very hard just to remember what was presented in class because the instructor goes way too fast. At times it is almost impossible to follow what the instructor is doing on the board because he skips around and sometimes doesn't complete his thoughts out loud.

- Explain everything fully, sometimes skips steps, explanations.

- I get very confused and feel as though he is not teaching the material effectively enough. I know personally I am having a hard time grasping theoretical math and would really want some solid examples instead of always using, "(x1, x2, ..., xn)"

- Sometimes explain things a little better or more slowly.

- By going much slower, and taking 60 second breaks after he presents each piece of information

- Cutting down the unnecessary information.

- The exams are too difficult, even when I read the book and do all of my homework. The true and false was ridiculous and it only had two computational questions. He needs to make his exams more fair and he needs to regulate what the TA does. The TA gives quizzes that are too difficult and he even know that.

- go a bit slower, notations and fast pace is hard to comprehend and take in

- Not sure, I'll admit I'm not that familiar with the math profs.

- Sometimes moves a little too fast through material.

- Work on communication w/ the students and work on more relevant examples to the homework and tests
- He should do more examples similar to the ones he expects us to be able to do on the final or exam.
- 12 blank answer(s).

3. Any other comments about this course?

- Nope.
- It's a hard class, and if more examples were given about homework it could ease the difficulty since this is what we are tested on to ensure we have learned what we were supposed to learn.
- It's a well-paced course. It never seemed to be overwhelming, but, at the same time, it always introduced new concepts/terms.
- examples should be more like question that may be on quizzes or finals, they shouldn't be the most basic examples just to make it simple for the instructor.
- Great.
- it wasn't clear on what was going to come up in the midterm. so when i took it a felt unprepared since i wasn't sure what to study
- As was mentioned above, I sometimes spend a large portion of the class writing notes, and end up focusing less on what is actually being said. This may be my fault, as I noticed that it often seemed more beneficial to focus more and take less notes, but there is that population of students who feel obligated to have everything that is written on the board in note form.
- The midterm was a total curve ball, we didn't expect a lot of the material on it at all, and weren't really prepared for it. He also grades us for doing the evaluations. I missed the midterm one, and now I'm missing out on a grade I could have gotten, which has nothing to do with my abilitiy to do the course material.
- It's an interesting course, quite different from the other math classes which seemed to be centered more on computations.
- good so far.
- Nice and easy to talk to.
- Pretty interesting course.
- It moves very quickly and was somewhat difficult
- nope
- not sure if it's econ friendly. not that it's supposed to be.
- Tough math course.
- N/A
- I thought there was a bit too much homework; perhaps just a few would be enough to reiterate concepts.
- 21 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.

A	A-	B+	B	B-	C+	C	C-	D	F	NA
18	8	5	6	1	1	0	0	0	0	0

Mean	Median	Std Dev
3.62	3.70	0.45

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
7	8	7	9	1	4	1	0	1	0	1

Mean	Median	Std Dev
3.23	3.30	0.66

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
18	13	4	2	1	0	0	0	0	0	1

Mean	Median	Std Dev
3.74	3.70	0.33

7. The course instructor is accessible and responsive.

A	A-	B+	B	B-	C+	C	C-	D	F	NA
23	5	3	4	2	0	0	0	0	0	2

Mean	Median	Std Dev
3.72	4.00	0.42

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
23	5	6	3	2	0	0	0	0	0	0

Mean	Median	Std Dev
3.71	4.00	0.41

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
12	8	6	6	4	2	0	1	0	0	0

Mean	Median	Std Dev
3.40	3.70	0.58

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
8	11	9	4	3	4	0	0	0	0	0

Mean	Median	Std Dev
3.38	3.30	0.53

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

A	A-	B+	B	B-	C+	C	C-	D	F	NA
13	13	5	4	2	0	2	0	0	0	0

Mean	Median	Std Dev
3.54	3.70	0.52

12. What overall grade would you give this instructor?

A	A-	B+	B	B-	C+	C	C-	D	F	NA
11	11	6	6	3	0	1	0	0	0	1

Mean	Median	Std Dev
3.49	3.70	0.49

13. What overall grade would you give this course?

A	A-	B+	B	B-	C+	C	C-	D	F	NA
7	8	9	10	1	2	1	0	0	0	1

Mean	Median	Std Dev
3.33	3.30	0.50

C. Please answer:

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

A	B	C	D	F	NA	Mean	Median	Std Dev
3	22	10	1	0	3	2.75	3.00	0.64

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.

A lot	Some	A little	None I could discern
1	1	1	36

Mean	Median	Std Dev
0.15	0.00	0.58

    2. Examples:

        - I use the back of the book. A lot.
        - 38 blank answer(s).

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

Very	Adequately	Somewhat	Not at all
10	19	8	2

Mean	Median	Std Dev
1.95	2.00	0.81

17. How challenging was this course?

Very	Adequately	Somewhat	Not at all
28	10	1	0

Mean	Median	Std Dev
2.69	3.00	0.51