From: Christensen, Lars W

Sent: 03 December 2014 00:15

To: Christensen, Lars W

Subject: Math 2360 Final Exam

Ηi,

In case you missed it: The final exam takes place this Friday, 5 December, 10:30am-1:00pm in room 108 in the Math Building on the TTU campus in Lubbock.

The exam covers sections 4.6-4.7, 5.1-5.4, and 6.1-7.3 in the textbook. Your solutions must be written in a blue book, so bring one of those to the exam along with your student ID or your Drivers License. Calculators are allowed on the exam, but cell phones, PDAs etc. are not.

There is a set of review problems on WeBWorK http://www.math.ttu.edu/~lchriste/teaching2360141.html which you can solve as part of studying for the exam. The "deadline" for this set is Thursday at 11.59am (Noon), and the answers will be available two minutes later at 12.01pm. You can still work the problems after the answers become available. The review set does not count towards the final grade.

I have extra office hours Wednesday 11:30am-2:30pm and Thursday 2-4pm.

/Lars

From: Christensen, Lars W

Sent: 25 November 2014 11:37

To: Christensen, Lars W

Subject: Math 2360-D01 Week 15

Ηi,

This is the last weekly email about updates to the class homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html and more.

- 1. The homework due next week (on Tuesday) has been posted, and so has the reading assignment and study guide. Contrary to what I wrote a couple of weeks ago, there is also written homework due on Tuesday. The reason is that I promised on the syllabus that I would collect 12 sets and only count the 10 best. I have so far only collected 11 sets of written homework.
- 2. Remember that the contribution of homework to your total score cannot decrease at this point. Your scores on online HW 21-25 replace, if they are better, your lowest five scores on online HW 1-20. Your scores on written HW 11-12 replace, if they are better, your lowest two scores on written HW 1-10.
- 3. I updated Blackboard on Friday. Please check that the posted scores agree with your own records. If they do not, let me know.
- 4. The final exam takes place on Friday 5 December 10:30-1:00pm in room 108 in the Math Building. Let me know *now* if you have any conflicts. If you live more than 2 hours driving from the TTU campus in Lubbock, you can make arrangements with a local university or college testing center and take the exam there. If you have made or will be making such arrangements, let me know asap.
- 5. If you cannot make arrangements with a local testing center, you can apply to have an alternative proctor approved; please use the form http://www.math.ttu.edu/~lchriste/download/proctor_form_fillable_dsg.pdf linked from the homepage.
- 6. If and when you find yourself on the main TTU campus in Lubbock, please stop by to collect your graded written homework and your mid-term exam; I have them in my office, room 251 in the Math Building. When it gets time to prepare for the final exam, the old homework may come in useful.

Best,

From: Christensen, Lars W

Sent: 18 November 2014 23:21

To: Christensen, Lars W

Subject: Math 2360-D01 Week 14

Ηi,

This is the penultimate weekly email about updates to the class homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html and more.

- 1. The homework due next week (only one set, but it has a few extra problems, so it is only due on Tuesday) has been posted, and so has the reading assignment and study guide. Remember that the contribution of homework to your total score cannot decrease at this point. Your scores on online HW 21-25 replace, if they are better, your lowest five scores on online HW 1-20. If you have a low score, or even a 0, lurking from earlier in the semester, this is a great opportunity to significantly raise you overall score.... and the material is important too.
- 2. If and when you find yourself on the main TTU campus in Lubbock, please stop by to collect your graded written homework and your mid-term exam; I have them in my office, room 251 in the Math Building. When it gets time to prepare for the final exam, the old homework may come in useful.
- 3. The final exam takes place on Friday 5 December 10:30-1:00pm in room 108 in the Math Building. Let me know *now* if you have any conflicts. If you live more than 2 hours driving from the TTU campus in Lubbock, you can make arrangements with a local university or college testing center and take the exam there. If you have made or will be making such arrangements, let me know asap.
- 4. If you cannot make arrangements with a local testing center, you can apply to have an alternative proctor approved; please use the form http://www.math.ttu.edu/~lchriste/download/proctor_form_fillable_dsg.pdf linked from the homepage.

Best, Lars

From: Christensen, Lars W

Sent: 11 November 2014 21:18

To: Christensen, Lars W

Subject: Math 2360-D01 Week 13

Ηi,

This is the weekly email about updates to the class homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html and more.

- 1. The homework due next week (Monday and Thursday) has been posted, and so has the reading assignment and study guide. Notice that the written homework due on 11/20 is the last one you can turn in.
- 2. I have updated; please check that the posted scores agree with your own records. If they do not, then let me know immediately.
- 3. If and when you find yourself on the main TTU campus in Lubbock, please stop by to collect your graded written homework and your mid-term exam; I have them in my office, room 251 in the Math Building. When it gets time to prepare for the final exam, the old homework may come in useful.
- 4. The final exam takes place on Friday 5 December 10:30-1:00pm. Let me know *now* if you have any conflicts. If you live more than 2 hours driving from the TTU campus in Lubbock, you can make arrangements with a local university or college testing center and take the exam there. If you have made or will be making such arrangements, let me know asap.
- 5. If you cannot make arrangements with a local testing center, you can apply to have an alternative proctor approved; please use the form http://www.math.ttu.edu/~lchriste/download/proctor_form_fillable_dsg.pdf linked from the homepage.

Best, Lars

From: Christensen, Lars W

Sent: 04 November 2014 23:11

To: Christensen, Lars W

Subject: Math 2360-D01 Week 12

Ηi,

This is the weekly email about updates to the class homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html and more.

- 1. The homework due next week (Monday and Thursday) has been posted, and so has the reading assignment and study guide.
- 2. I updated Blackboard yesterday; please check that the posted scores agree with your own records. If they do not, then let me know immediately.

Best, Lars

From: Christensen, Lars W

Sent: 28 October 2014 23:11

To: Christensen, Lars W

Subject: Math 2360-D01 Week 11

Ηi,

This is the weekly email about updates to the class homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html and more.

- 1. The homework due next week (Monday and Thursday) has been posted, and so has the reading assignment and study guide.
- 2. One the homepage you can find the mid-term exam given on campus last week, and the key. If you took the exam at a testing center, then some of the problems on your exam were different than the ones you see on the homepage.

Best, Lars

From: Christensen, Lars W

Sent: 26 October 2014 23:23

To: Christensen, Lars W

Subject: Mid-term scores

Ηi,

Your scores on the mid-term exam have been posted on Blackboard. Please take a close look at our standing, and get back to me a.s.a.p. with any questions you might have. The last day to drop its tomorrow, Monday the 27th.

Best, Lars

From: Christensen, Lars W

Sent: 22 October 2014 20:45

To: Christensen, Lars W

Subject: Math 2360-D01 Week 10

Ηi,

This is the weekly email about updates to the class homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html and more.

- 1. The homework due next week (Monday and Thursday) has been posted, and so has the reading assignment and study guide. You will notice that we skip Chapter 5 for now. It deals with a particularly nice kind of bases, but since bases are hard to get used to, I prefer to do Chapters 6 and 7 first, because they show what bases are good for.
- 2. The deadline for HW-15 on WeBWorK has been extended to Midnight on Friday. One caveat: I am traveling from early Friday morning, and may not be able to answer emails at all times.
- 3. The results of today's exam will be on Blackboard on Sunday night or Monday morning.

Best, Lars

From: Christensen, Lars W
Sent: 21 October 2014 11:32
To: Christensen, Lars W

Subject: What to expect on the Math 2360 Midterm Exam

Ηi,

In case you missed it: The mid-term exam is tomorrow, 7-9:30pm in room 110 in the Math Building on the TTU campus in Lubbock.

The exam covers sections 1.1-4.5 in the textbook. Your solutions must be written in a blue book, so bring one of those to the exam. Calculators are allowed, but cell phones, PDAs etc. are not.

The exam has 14 problems in total, they are divided into two series. The 7 problems in the first series count for 10 points each and the problems in the second series count for 15 points each. You only have to solve six problems from each series, i.e. 12 problems in total. I have put an old final exam on the class homepage

http://www.math.ttu.edu/~lchriste/teaching2360141.html , so that you can see what my exams look like. Don't try to solve the problems, we have only covered half of the material.

There is a set of review problems on WeBWorK

http://webwork.math.ttu.edu/webwork2/f14lchristem2360sD01 which you can solve as part of studying for the exam. The deadline for this set is Tuesday night at 11.59pm, and the answers will be available two minutes later at 12.01am. You can still work the problems after the answers become available. If you solve the review problems before Midnight on Tuesday, then this set will count as an extra homework set.

Tomorrow, I have extra office hours from 5 to 6.45pm. If you want to meet at another time, send me an email and we will work something out.

After the exam on Wednesday, I plan to head down to one of the place on Broadway to get a late dinner. Those who are interested are encouraged to join.

/Lars

From: Christensen, Lars W
Sent: 17 October 2014 20:02
To: Christensen, Lars W
Subject: Math 2360 Midterm Exam

Ηi,

In case you missed it: The mid-term exam is on text Wednesday, 22 October, 7-9:30pm in room 110 in the Math Building on the TTU campus in Lubbock.

The exam covers sections 1.1-4.5 in the textbook. Your solutions must be written in a blue book, so bring one of those to the exam. Calculators are allowed, but cell phones, PDAs etc. are not.

There is a set of review problems on WeBWorK

http://webwork.math.ttu.edu/webwork2/f14lchristem2360sD01 which you can solve as part of studying for the exam. The deadline for this set is Tuesday night at 11.59pm, and the answers will be available two minutes later at 12.01am. You can still work the problems after the answers become available. If you solve the review problems before Midnight on Tuesday, then this set will count as an extra homework set.

I have office hour as usual on Monday. On Wednesday, I have extra office hours from 5 to 6.45pm. If you want to meet at another time, send me an email and we will work something out.

After the exam on Wednesday, I plan to head down to one of the place on Broadway to get a late dinner. Those who are interested are encouraged to join.

/Lars

From: Christensen, Lars W
Sent: 14 October 2014 14:16
To: Christensen, Lars W
Subject: Math 2360-D01 Week 9

Ηi,

This is the weekly email about updates to the class homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html and more.

- 1. The homework due next week (Thursday) has been posted, and so has the reading assignment and study guide. Because of the exam on the 22nd, we only cover one section this week, and there is only one set of online homework and no written homework due.
- 2. I have made a set of review problems in WeBWorK. If you solve the set, then it counts as an extra set of online homework. This means that the homework portion of your final grade will be calculated based on the best 20 of 26 sets. The review problems are due at Midnight on the 21st, and answers become visible right after.
- 3. WeBWorK enables you to send emails to me from within the application; such emails contain a link to the problem you are working on. That's a very convenient feature, don't be shy of using it. I'm sure that several of you would do better on the online homework if you used that feature more often.
- 4. I updated Blackboard yesterday; please check that the posted scores agree with your own records. If they do not, then let me know immediately.
- 5. Unless you have already made arrangements for taking the exam elsewhere, the mid-term exams takes place on Wednesday 22 October 7:00-9:30pm in Room 110 on the TTU campus in Lubbock. On Friday, I will send an email with more information about the exam, but to address the most common questions, let me already now say that it is a closed-book exam that covers the material up to and including Section 4.5, and that calculators are allowed.

Best, Lars

From: Christensen, Lars W

Sent: 07 October 2014 15:56

To: Christensen, Lars W

Subject: Math 2360-D01 Week 8

Ηi,

This is the weekly email about updates to the class homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html and more.

- 1. The homework due next week (Monday and Thursday) has been posted, and so has the reading assignment and study guide.
- 2. WeBWorK enables you to send emails to me from within the application; such emails contain a link to the problem you are working on. That's a very convenient feature, don't be shy of using it. I'm sure that several of you would do better on the online homework if you used that feature more often.
- 3. I updated Blackboard on Friday; please check that the posted scores agree with your own records. If they do not, let me know immediately.
- 4. Exams in this class take place on Wednesday 22 October 7:00-9:30pm and on Friday 5 December 10:30-1:00pm. Let me know *now* if you have any conflicts.

If you live more than 2 hours driving from the TTU campus in Lubbock, you can make arrangements with a local testing center and take the exam there. If you have made or will be making such arrangements, let me know asap.

5. If and when you find yourself on the main TTU campus in Lubbock, please stop by to collect your graded written homework; I keep it in my office, room 251 in the Math Building. When it gets time to prepare for exams, you may learn a lot from your old homework.

Best, Lars

From: Christensen, Lars W

Sent: 06 October 2014 11:58

To: Christensen, Lars W

Subject: Math 2360: No office hours on Thursday. Deadline for written homework extended.

Ηi,

I will be out of town from Wednesday morning; hence office hours on Thursday are cancelled.

It makes no sense to hand in written homework on Thursday, so your written homework is due on Friday before 5pm if you turn in a hardcopy. Online homework is due Thursday at Midnight as usual.

Best, Lars

From: Christensen, Lars W

Sent: 30 September 2014 23:46

To: Christensen, Lars W

Subject: Math 2360-D01 Week 7

Ηi,

This is the weekly email about updates to the class homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html and more.

- 1. The homework due next week (Monday and Thursday) has been posted, and so has the reading assignment and study guide. The material in section 4.3 is known to cause headaches; now you are warned... and I do have office hours.
- 2. If and when you find yourself on the main TTU campus in Lubbock, please stop by to collect your graded written homework; I keep it in my office, room 251 in the Math Building. When it gets time to prepare for exams, you may learn a lot from your old homework.
- 3. I updated Blackboard on Friday; please check that the posted scores agree with your own records. If they do not, let me know.
- 4. Please double check your calendars for conflicts with our two exams, they take place on Wednesday 22 October 7:00-9:30pm and Friday 5 December 10:30-1:00pm. Let me know *now* if you have any conflicts.

If you live more than 2 hours driving from the TTU campus in Lubbock, you can make arrangements with a local testing center and take the exam there. If you have made or will be making such arrangements, let me know asap.

Best, Lars

From: Christensen, Lars W
Sent: 23 September 2014 23:50
To: Christensen, Lars W
Subject: Math 2360-D01 Week 6

Ηi,

This is the weekly email about updates to the class homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html and more.

- 1. The homework due next week (Monday and Thursday) has been posted, and so has the reading assignment and study guide.
- 2. If and when you find yourself on the main TTU campus in Lubbock, please stop by to collect your graded written homework; I have it in my office, room 251 in the Math Building. When it gets time to prepare for exams, you may learn a lot from your old homework.
- 3. Be aware that the course changes gears as we start Chapter 4 on vector spaces. If you ever watched http://www.imdb.com/title/tt0116367/ you will know what I mean.

Best, Lars

From: Christensen, Lars W

Sent: 20 September 2014 22:27

To: Christensen, Lars W

Subject: Grades on Blackboard

Ηi,

I have uploaded the scores on the first six sets of WeBWorK homework and the first two sets of written homework to Blackboard. For the rest of the semester I will do weekly uploads to Blackboard of scores on homework and exams.

Best, Lars

From: Christensen, Lars W

Sent: 16 September 2014 11:53

To: Christensen, Lars W

Subject: Math 2360-D01 Week 5

Ηi,

This is the weekly email about updates to the class homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html and more.

- 1. The homework due next week (Monday and Thursday) has been posted, and so has the reading assignment and study guide.
- 2. Regarding the written homework that your turn in: Make sure that every page of your homework is clearly marked with your name; nameless homework will not be graded. If you submit your solution electronically then, if at all possible, submit it as one pdf file.
- 3. As you have probably learned the hard way, there are plenty of opportunities for making mistakes when putting a matrix on (Reduced) Row Echelon Form. Do yourself the favor and check your answers. It is very straightforward to verify whether the solution you have found actually works.

Best, Lars

From: Christensen, Lars W

Sent: 10 September 2014 01:30

To: Christensen, Lars W

Subject: Math 2360-D01 Week 4

Ηi,

This is the weekly email about updates to the class homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html and more.

- 1. The homework due next week (Monday and Thursday) has been posted, and so has the reading assignment and study guide.
- 2. I have added a link http://www.math.ttu.edu/Undergraduate/Resources/tutor.shtml to the tutoring center's page and put up a pdf with their current schedule http://www.math.ttu.edu/~lchriste/download/fall2014tutorschedule.pdf.
- 3. Regarding homework: Through the semester I will assign 25 sets of homework on WeBWorK and 12 sets of written homework. Out of these, the 20 best sets on WeBWorK and then 10 best written sets will count towards the final grade.
- 4. Someone left a ruled Cambridge note book with blue front in my office last week; please stop by and pick it up.

Best, Lars

From: Christensen, Lars W

Sent: 03 September 2014 00:02

To: Christensen, Lars W

Subject: Math 2360-D01 Week 3

Ηi,

This is about the weekly update of the class homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html and more.

- 1. The homework due next week (Monday and Thursday) has been posted, and so has the reading assignments and study guide.
- 2. There was another typo on the syllabus (shame on me); Exam 1 takes place 7-9:30pm on October 22nd.
- 3. The tutoring center (officially the Mathematics and Statistics Tutor and Study Center) in room 106 in the Math building is now open. Daily hours are 9am to 5pm. Not all tutors can handle 2360, but there are 2360 tutors every day from 1 and all day on Tuesdays and Thursdays. A detailed schedule should be posted outside room 106.
- 4. The above is not to discourage you from seeing me during office hours. Please do so, and please write me with any questions you may have. Your questions on WeBWorK problems are better sent from within WeBWorK, because I'll then get a direct link to the problem you are working on.

Best, Lars

From: Christensen, Lars W

Sent: 01 September 2014 23:28

To: Christensen, Lars W

Subject: Math 2350 homework reminder

Ηi,

This is a reminder that the first set of online homework is due tomorrow night at 11:59pm. I see that few students in class have not yet started work on the assignment. If you have any problems finding the homework on WeBWorK, let me know now!

Best, Lars

From: Christensen, Lars W

Sent: 26 August 2014 23:09

To: Christensen, Lars W

Subject: Math 2360-D01 Week 2

Ηi,

First of all welcome to those who have joined since Monday morning. You will find all relevant information about this class on its homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html. In particular, you can find there the syllabus and the emails that I have sent to the class up untill now.

- 1. This is the first weekly update of the class homepage; they will happen every Tuesday. I have added the reading assignments and study guide for Week 2, next week, and the homework assignments due next week.
- 2. As you will see, there are two sets of online homework due (see also par. 4). Normally online homework is due on Mondays and Thursdays, but next Monday is Labor Day, so HW-01 is due Tuesday. Online homework is always due at 23:59pm on the due date, and answers become visible right after Midnight at 12:01am.
- 3. There is also written homework due, two problems. The reason why I collect written homework is to give you practice in writing up solutions, which you will have to do on the exams. If you are on campus on Thursdays, you can turn in your homework to my office in MA 251 (or the envelope on the door) before 5pm; otherwise, you can send me a pdf of your (scanned) solution by email. If you e-mail in your solutions, they are due by Midnight on the due date.
- 4. All online homework is done in WeBWorK; you will shortly receive an email with instructions on how to access that site.
- 5. It has been pointed out to me that the syllabus that I attached to my email on Monday is slightly different that the one online. It is the online one that counts, and I should have known better;-) I apologize.
- 6. Please don't hesitate to write me with any questions you may have. Also, please note my office hours and the "or by appointment"; the latter means that we can set up an appointment if my scheduled office hours are orthogonal to your calendar.
- 7. If you don't get an email about WeBWorK within the next 15 min, then let me know. It is most likely because you have registered late, and that you data has not been transferred to WeBWorK.

Best,

From: Christensen, Lars W

Sent: 25 August 2014 10:43

To: Christensen, Lars W

Subject: Math 2360-D01 Week 1

Attachments: math2360141-syllabus.pdf; math2360141-WebAssign.pdf

Ηi,

Welcome to the online section D01 of Math 2360 Linear Algebra.

- 1. The syllabus is attached. It is also available from the class homepage http://www.math.ttu.edu/~lchriste/teaching2360141.html
- 2. The class homepage is our classroom for this semester. Here you will find the reading and homework assignments, and all other information and material related to the class. Bookmark it right away. The page will be updated every Tuesday with assignments for the following week.
- 3. The first homework assignment is due at Midnight on next Tuesday (normally it would be dueMonday, but that's Labor Day). The assignment will be posted tomorrow as part of the weekly update.
- 4. On Friday 22 Aug. I sent an email about textbooks; if you lost it, you can find it on the homepage. As explained in that email, you can if you wish (it is by no means required) enroll in a dummy class at Web Assign to access the online version of the textbook. Instructions for how to enroll are attached.
- 5. I have office hours today and tomorrow; if you are on campus, feel free to stop by and introduce yourself.

Best, Lars

From: Christensen, Lars W

Sent: 22 August 2014 23:38

To: Christensen, Lars W

Subject: Math 2360-D01

Ηi,

Welcome (premature) to Math 2360-D01. We still have two days till the start of the semester, but I've had a couple of questions about the textbook, so I thought I should make sure that everyone gets the information right away.

- 1. The textbook for the class is "Elementary Linear Algebra", 7e by Ron Larson. It sells for about \$100 in the bookstores.
- 2. If you can get your hands on a used copy of the textbook, that's great. If it is not the 7th edition, then you will have a little work to do: They like to reorder the exercises with every new edition, so when I assign problems from the 7th edition of the book, you will need to figure out which ones they are.
- 3. If you buy a brand new textbook, then it will most likely come with an access code to the online portal called WebAssign (WA). We won't use WA for this class, but having access to the online version of the textbook can be handy, so I'll set up a dummy class in WA that those with access codes can enroll in.
- 4. There is an online-only option for the textbook. You can get it for about \$75 if you buy it online when you enroll in the dummy class mentioned in par. 3. Books won't be allowed on exams, so if you a comfortable with electronic books, this might be for you.

Enjoy the weekend, Lars
