Christensen, Lars W

Hi all,

The topics of this email are:

1. UPDATED GRADEBOOK
2. EXTRA Q&A SESSION
3. FINAL EXAM

UPDATED GRADEBOOK

I have updated the gradebook with scores on the last homework assignments and participation through week 14; since I only count the best 22 homework sets and the best 13 weeks you have all seen your average go up, or at least not down. There are still opportunities for raising the average a bit:

  - If you posted on the discussion board in past weeks but never advised me about it, you can do it through Wednesday.
  - You can still earn participation credit this week; that has not yet been included in the grade calculation.
  - You can take advantage of the extra credit opportunity described below.

EXTRA Q&A SESSION, WEDNESDAY 12-3 PM

The final exam is Friday, and we are not allowed to schedule any activities for Thursday, so I have scheduled an extra Q&A session on Wednesday 1-3 pm. Participation will earn you an extra week's worth of participation credit.

FINAL EXAM

The final exam is adiministered through WeBWorK, just like the in-term exams. The exam covers sections 1.1–1.2, 2.1–2.4, 3.1–3.4, 4.1–4.7, 5.1-5.4, 6.1–6.4, and 7.1–7.3. It opens Friday at 12 am and is open through 11:59 pm, just like the in-term exams. The exam has 20 problems, the time limit is 4 hours, and you can attempt the exam twice within that time frame. It should all be business as usual, but don't hesitate to ask any questions you may have.

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat.   Phone: (+1 806) 834 6323

Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

From:	Christensen, Lars W
Sent:	Wednesday, November 25, 2020 17:26
To:	Christensen, Lars W
Subject:	Math 2360-012 week 14

Good afternoon,

The topics of this email are

1. UPDATES
2. FINAL GRADE CALCULATION

UPDATES

I have put up the study guide for week 15 (30 Nov – 2 Dec). Remember that Homework Set 24 is due on Monday (11/23).
    Your scores Exams 1 and 2 and the first thirteen weeks of homework assignments and participation have been uploaded to the Blackboard Gradebook. As always, please check with your own files and let me know immediately if you see anything amiss. Pay particular attention to participation credit: Remember that you need to notify me to get credit for posts on the discussion board!

FINAL GRADE CALCULATION

As already announced, you score on the cumulative final exam will replace the score on Exams 1 and 2 if the Final Exam score is higher. For the homework, I will count the 22 highest scores; this means that you score on Homework Sets 23 and 24 cannot possible make your total score go down. Take advantage of this opportunity to replace low scores! For participation credit, I'm counting the best 13 of 15 weeks.

FINAL EXAM

The final exam is Friday 12/4. It is administered via WeBWorK and cover all chapters. More about this next week. For now enjoy the break and make sure to get your homework and participation credit in next week.

Best,
Lars

```
--------------------------------------------------------------------
Lars Winther Christensen        E-mail:     lars.w.christensen@ttu.edu
Department of Math. and Stat.   Phone:            (+1 806) 834 6323
Texas Tech University           Fax:              (+1 806) 742 1112
Lubbock, TX 79409-1042          Homepage: www.math.ttu.edu/~lchriste
```

Christensen, Lars W

Good afternoon,

The topics of this email are

1. UPDATES
2. FINAL GRADE CALCULATION

UPDATES

I have put up the study guide for week 14 (23-27 Nov). Remember that Homework Set 22 is due tomorrow (11/19) and Set 23 is due on Monday (11/23).
      Your scores Exams 1 and 2 and the first twelve weeks of homework assignments and participation have been uploaded to the Blackboard Gradebook. As always, please check with your own files and let me know immediately if you see anything amiss. Pay particular attention to participation credit: Remember that you need to notify me to get credit for posts on the discussion board!

FINAL GRADE CALCULATION

As already announced, you score on the cumulative final exam will replace the score on Exams 1 and 2 if the Final Exam score is higher. For the homework, I will count the 22 highest scores; this means that you score on Homework Sets 23 and 24 cannot possible make your total score go down. Take advantage of this opportunity to replace low scores!

Best,
Lars

From:	Christensen, Lars W
Sent:	Wednesday, November 11, 2020 15:17
To:	Christensen, Lars W
Subject:	Math 2360-012 week 13

Good afternoon,

The topics of this email are

1. UPDATES
2. EXAM 2 ON MONDAY 11/16

UPDATES

I have put up the study guide for week 13 (16-20 Nov). Remember that Homework Set 21 is due tomorrow (11/5); there is no homework due on Monday because of the exam.
Your scores Exam 1 and the first eleven weeks of homework assignments and participation have been uploaded to the Blackboard Gradebook. As always, please check with your own files and let me know immediately if you see anything amiss. Pay particular attention to participation credit: Remember that you need to notify me to get credit for posts on the discussion board!

EXAM 2 ON 11/15

The exam covers sections 4.1-4.7 and 6.1-6.4. The problems are drawn from the same bank as homework, so expect them to look familiar. The exam is taken on WeBWorK during the 24 hours of Monday November 16; your time on the exam is limited to 2 hours and the exam can be attempted twice within that timeframe. It should be all straightforward as you have tried it before, but if you have any questions ask immediately.

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat. Phone: (+1 806) 834 6323
Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

Good afternoon,

The topics of this email are

1. UPDATES
2. VIDEOS ABOUT CHANGE OF BASIS FOR LINEAR TRANSFORMATIONS
3. EXAM 2 on 11/16

UPDATES

I have put up the study guide for week 12 (9-13 Nov). Remember that Homework Set 19 is due tomorrow (11/5) and Set 20 on Monday (11/9). Don't hesitate to use the email button in WeBWorK to contact me; it is also the easiest way to collect participation credit.
    Your scores Exam 1 and the first ten weeks of homework assignments and participation have been uploaded to the Blackboard Gradebook. As always, please check with your own files and let me know immediately if you see anything amiss. Pay particular attention to participation credit: Remember that you need to notify me to get credit for posts on the discussion board!

VIDEOS ABOUT CHANGE OF BASIS FOR LINEAR TRANSFORMATIONS

Linear transformations and change of basis are a lethal cocktail. To help you wrap you heads around it, I have recorded a video https://shorts.flipgrid.com/watch/13839838288544125 that explains how it works in a concrete example. I have also made a diagram that crams the whole thing into one page http://www.math.ttu.edu/~lchriste/download/changeofbasis.pdf; that diagram is explained in another video https://shorts.flipgrid.com/watch/13839999367381496 . I hope you find them helpful.

EXAM 2 ON 11/15

The exam covers sections 4.1-4.7 and 6.1-6.4. The problems are drawn from the same bank as homework, so expect them to look familiar. The exam is taken on WeBWorK during the 24 hours of Monday November 16; your time on the exam is limited to 2 hours and the exam can be attempted twice within that timeframe. It should be all straightforward as you have tried it before, but if you have any questions ask immediately.

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat.   Phone: (+1 806) 834 6323

Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

From:	Christensen, Lars W
Sent:	Wednesday, October 28, 2020 07:20
To:	Christensen, Lars W
Subject:	Math 2360-012 week 10

Good morning,

I have put up the study guide for week 11 (2-5 Nov). Remember that Homework Set 17 is due tomorrow (11/29) and Set 18 on Monday (11/2). Don't hesitate to use the email button in WeBWorK to contact me; it is also the easiest way to collect participation credit.

Your scores Exam 1 and the first nine weeks of homework assignments and participation have been uploaded to the Blackboard Gradebook. As always, please check with your own files and let me know immediately if you see anything amiss. Pay particular attention to participation credit: Remember that you need to notify me to get credit for posts on the discussion board!

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat. Phone: (+1 806) 834 6323
Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

From:	Christensen, Lars W
Sent:	Wednesday, October 21, 2020 13:10
To:	Christensen, Lars W
Subject:	Math 2360-012 week 10

Hello,

The topics of this email are:

1. UPDATES AND REMINDERS
2. NO Q&A SESSION ON 10/27
3. NO CHANGES DUE TO UPDATED TTU CALENDAR

UPDATES AND REMINDERS

I have put up the study guide for week 10 (26-30 Oct). Remember that Homework Set 15 is due tomorrow (10/22) and Set 16 on Monday (10/26). Don't hesitate to use the email button in WeBWorK to contact me; it is also the easiest way to collect participation credit.
        Your scores Exam 1 and the first eight weeks of homework assignments and participation have been uploaded to the Blackboard Gradebook. As always, please check with your own files and let me know immediately if you see anything amiss. Pay particular attention to participation credit: Remember that you need to notify me to get credit for posts on the discussion board!

NO Q&A SESSION ON 10/27

On Tuesday 10/27 I will be traveling and unable to hold the usual Q&A session on Blackboard Collaborate; it is cancelled.

NO CHANGES DUE TO UPDATED TTU CALENDAR

As you may know face-2-face classes move online after Thanksgiving. Our class was already online and asynchronous, so this will not imply any changes for us. The final is still on December 4 and administered through WeBWorK.

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat. Phone: (+1 806) 834 6323
Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

From:	Christensen, Lars W
Sent:	Wednesday, October 14, 2020 06:42
To:	Christensen, Lars W
Subject:	Math 2360-012 week 9

Good morning,

The topics of this email are:

1. UPDATES AND REMINDERS
2. GRADE REPLACEMENT ON EXAMS

UPDATES AND REMINDERS

I have put up the study guide for week 9 (19-23 Oct). Remember that Homework Set 13 is due tomorrow (10/15) and Set 14 on Monday (10/19). Don't hesitate to use the email button in WeBWorK to contact me; it is also the easiest way to collect participation credit.

      Your scores on last week's exam and the first seven weeks of homework assignments and participation have been uploaded to the Blackboard Gradebook. As always, please check with your own files and let me know immediately if you see anything amiss. Pay particular attention to participation credit: Remember that you need to notify me to get credit for posts on the discussion board!

GRADE REPLACEMENT ON EXAMS

I know that Exam-1 for many of you were the first exam you took on WeBWorK, and the technical glitch didn't make it easier (I won't bother you with the problem, but it is described here https://github.com/openwebwork/webwork2/issues/899). That being said, most of you did really well, and the rest may be relieved to learn that if you do better on the comprehensive final exam, your score on the final exam replaces the scores in in-term exams. That is, towards the final grade each exam counts with the score on the exam or the score on the final, which ever is higher.

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat. Phone: (+1 806) 834 6323
Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

Good afternoon,

The topics of this email are:

1. UPDATES AND REMINDERS
2. EXAM TOMORROW

UPDATES AND REMINDERS

I have put up the study guide for week 8 (12-16 Oct). Remember that Homework Set 12 is due on Monday (10/12). Don't hesitate to use the email button in WeBWorK to contact me; it is also the easiest way to collect participation credit.
    Your scores on the first six weeks of homework assignments and participation have been uploaded to the Blackboard Gradebook. Please check with your own files and let me know immediately if you see anything amiss. Pay particular attention to participation credit: Remember that you need to notify me to get credit for posts on the discussion board!

THE EXAM TOMORROW

The exam opens tonight at Midnight and closes Thursday at 11:59 pm. The exam is time limited: You have two hours to solve the problems, but to get the full two hours you need to start before 10 pm tomorrow night.
    The exam covers sections 1.1, 1.2, 2.1-2.4, and 3.1-3.4. The problems are drawn from the same bank as homework, so expect them to look familiar. You have two attempts on each problem. Good luck with it.

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat. Phone: (+1 806) 834 6323
Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

From:	Christensen, Lars W
Sent:	Tuesday, October 6, 2020 17:33
To:	Christensen, Lars W
Subject:	Exam on Thursday and extra participation credit

Good afternoon,

There is no homework due on Thursday because we have the first exam that day. It is administered through WeBWorK; you can take it at any time between 12 am and 11.59 pm on Thursday. It has a time limit of 2 hours, but ends at 11:59 pm even if you started at 10 pm or later.

The exam covers Sections 1.1, 1.2, 2.1-2.4, and 3.1-3.4. It has 12 problems in the same style as homework problems, so the best way to prepare is to go over your homework from chapters 1-3. The ultimate check list is the reading guides. For every section you have the list of "make sure that you understand." If you have those under control, then you are in perfect shape.

EXTRA OFFICE HOURS AND EXTRA CREDIT

There are no regular office hours on Thursday, but contact me immediately if you have technical problems with WeBWorK. In place of these office hours, I have scheduled office hours on Blackboard Collaborate tomorrow 9-10 am and 5-6 pm. You can earn extra participation credit by making use of those office hours.

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat.   Phone: (+1 806) 834 6323
Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

From:	Christensen, Lars W
Sent:	Wednesday, September 30, 2020 18:24
To:	Christensen, Lars W
Subject:	Math 2360-012 week 7

Good evening,

The topics of this email are:

1. UPDATES AND REMINDERS
2. EXAM 1 NEXT THURSDAY (10/8)
3. WEBWORK WIKI PAGE

UPDATES AND REMINDERS

I have put up the study guide for week 7 (5-9 Oct). Remember that Homework Set 10 is due tomorrow night (10/1) and Set 11 on Monday (10/5). Don't hesitate to use the email button in WeBWorK to contact me; it is also the easiest way to collect participation credit.
     Your scores on the first five weeks of homework assignments and participation have been uploaded to the Blackboard Gradebook. Please check with your own files and let me know immediately if you see anything amiss. Pay particular attention to participation credit: Remember that you need to notify me to get credit for posts on the discussion board!

EXAM 1 NEXT THURSDAY (10/8)

The exam covers sections 1.1, 1.2, 2.1-2.4, and 3.1-3.4. The problems are drawn from the same bank as homework, so expect them to look familiar. The exam is taken on WeBWorK during the 24 hours of Thursday October 8; your time on the exam is limited to 2 hours and each problem on the exam can be attempted twice. It should be all straightforward as you are used to WeBWorK by now, but if you have any questions ask immediately

WEBWORK WIKI PAGE

There is a wiki page for WeBWorK https://webwork.maa.org/wiki/Student_Information it has a couple of good sections on the notation used and understood by WeBWorK.

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat. Phone: (+1 806) 834 6323
Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

From: Christensen, Lars W
Sent: Wednesday, September 23, 2020 08:29
To: Christensen, Lars W
Subject: Math 2360-012 week 6

Good morning,

The topics of this email are:

    1. UPDATES AND REMINDERS
    2. BLACKBOARD GRADEBOOK
    3. DON'T GET BEHIND ON VECTOR SPACES

UPDATES AND REMINDERS

I have put up the study guide for week 6 (28 Sep – 2 Oct). Remember that Homework Set 8
is due tomorrow night (9/24) and Set 9 on Monday (9/28). Don't hesitate to use the email
button in WeBWorK to contact me; it is also the easiest way to collect participation
credit. If you want to see me go over an old homework problem, an example from the book,
or something else, then come to the Q&A sessions on Tuesdays and Fridays 1-2 pm on
Blackboard Collaborate.

BLACKBOARD GRADEBOOK

Your scores on the first four weeks of homework assignments and participation have been
uploaded to the Blackboard Gradebook. Please check with your own files and let me know
immediately if you see anything amiss. Pay particular attention to participation credit!
Remember that you need to notify me to get credit for posts on the discussion board.

DON'T GET BEHIND ON VECTOR SPACES

As you can see from the study guide, we are now moving to a new topic: vector spaces.
Many of you will feel that the class changes gear at this point, and it does become more
abstract. This is not a passing thing; it stays like this for the rest of the semester.
You will get used to it, but it may take a while, and for that reason vector spaces do
not appear on the 10/8 exam.
     One of the things that is going to change is that you will now encounter more
problems that cannot be solved by performing an algorithm; you will need to toy with
examples and use your intuition to find the right answers. This will be a new experience
for some of you. As said, vector spaces are not on the upcoming exam, but don't get
behind: use my office hours and Q&A sessions to get all the help you need. Remember that
office hours can also be arranged by appointment.

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat.   Phone: (+1 806) 834 6323
Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

Christensen, Lars W

From: Christensen, Lars W
Sent: Wednesday, September 16, 2020 12:08
To: Christensen, Lars W
Subject: Math 2360-012 week 5

Hi,

The topics of this email are:

   1. UPDATES AND REMINDERS
   2. BLACKBOARD GRADEBOOK
   3. EXTRA ATTEMPTS ON HOMEWORK

UPDATES AND REMINDERS

I have put up the study guide for week 5 (21-25 Sep). Remember that Homework Set 6 is due
tomorrow night (9/17) and Set 7 on Monday (9/21). Don't hesitate to use the email button
in WeBWorK to contact me. When you are working problems is probably the time when I can
be of most help in your studies. If you want to see me go over an old homework problem,
an example from the book or something else, then come to the Q&A sessions on Tuesdays and
Fridays 1-2pm on Blackboard Collaborate.

BLACKBOARD GRADEBOOK

Your scores on the first three weeks of homework assignments and participation have been
uploaded to the Blackboard Gradebook. Please check with your own files and let me know
immediately if you see anything amiss.

EXTRA ATTEMPTS ON HOMEWORK

In WeBWorK the number of attempts is initially limited to 10 per problem. You should
contact me for help long before you get to the 10th attempt, but I am always willing to
give you more attempts. Beware that most problems will change slightly after the 10th
attempt, say, the numbers may change.

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat. Phone: (+1 806) 834 6323
Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

From:	Christensen, Lars W
Sent:	Wednesday, September 9, 2020 09:26
To:	Christensen, Lars W
Subject:	Math 2360-012 week 4

Hi,

The topics of this email are:

    1. UPDATES AND REMINDERS
    2. BLACKBOARD GRADEBOOK
    3. PARTICIPATION CREDIT

UPDATES AND REMINDERS

I have put up the study guide for week 4 (14-18 Sep). Remember that Homework Set 4 is due
tomorrow night (9/10) and Set 5 on Monday (9/14). Don't hesitate to use the email button
in WeBWorK to contact me. When you are working problems is probably the time when I can
be of most help in your studies. If you want to see me go over an old homework problem,
an example from the book or something else, then come to the Q&A sessions on Tuesdays and
Fridays 1-2pm on Blackboard Collaborate.

BLACKBOARD GRADEBOOK

Your scores on the first two weeks of homework assignments and participation have been
uploaded to the Blackboard Gradebook. Please check with your own files and let me know if
you see anything amiss.

PARTICIPATION CREDIT

Remember that 15% of credit in this class, 1% per week, is earned by participation.
       If you send me a question by email, whether from within WeBWorK or from your TTU
account, I will register your credit. The same holds if you come to the virtual office
hours and Q&A sessions with a question related to the class material.
       If you prefer to discuss the material with your classmates, use the discussion
board. If you are on top of everything in class, please take a minute to answer one of
the questions on the discussion board. To get credit for posts, remember: (1) You have to
send me an email with a snip of your post or enough information about the thread to let
me easily verify your post. (2) There is no double dipping: Homework is already 60% of
the grade, so there is no credit for posting or solving homework-like problems, and of
course not for posting or solving actual homework problems.

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu

Department of Math. and Stat.   Phone: (+1 806) 834 6323
Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

2

From:	Christensen, Lars W
Sent:	Wednesday, September 2, 2020 17:45
To:	Christensen, Lars W
Subject:	Math 2360-012 week 3

Hi,

The topics of this email are:

1. UPDATES AND REMINDERS
2. VIDEOS ON YOUTUBE
3. WEBASSIGN TRIAL PERIOD
4. TUTORING RESOURCES

UPDATES AND REMINDERS

I have put up the study guide for week 3 (7-11 Sep). Remember that Homework Set 3 is due tomorrow night (9/3) and Set 4 on next Thursday (9/10). Monday is Labor Day, and there are no scheduled office hours, but as always you can set up an appointment as needed. Remember: Don't hesitate to use the email button in WeBWorK to contact me. When you are working problems is probably the time when I can be of most help in your studies.

VIDEOS ON YOUTUBE

A colleague of mine, Cezar Lupu, taught Math 2360 this summer and has put his recorded lectures on YouTube; I have put up a link to the playlist https://www.youtube.com/playlist?list=PLTZ-tM4Cpf1GDC9EBqR5dlJ5pI-pLMA04. Be aware that all the practical information shared in the videos pertains to Lupu's class not this one.

WEBASSIGN TRIAL PERIOD

If you have taken advantage of WebAssign's free two week trial period be aware that it is about to expire. If you want to retain access to the e-Book, videos, presentations etc. you will need to purchase access, but remember that you are not required to do so.

TUTORING RESOURCES

I have put up links to a couple of tutoring resources. The university offers free tutoring through the learning center http://www.depts.ttu.edu/soar/lc/ and the Math Department maintains a list of private tutors https://www.depts.ttu.edu/math/undergraduate/resources/tsc/privatetutors.php .

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat.   Phone: (+1 806) 834 6323
Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat.   Phone: (+1 806) 834 6323
Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

From:	Christensen, Lars W
Sent:	Tuesday, September 1, 2020 09:07
To:	Christensen, Lars W
Subject:	Reminder about Q&A session

Hi all,

If you want to see solutions to the homework from yesterday or want me to go over an
example from the book, come to the Q&A session on Blackboard Collaborate today at 1 pm.

Best,
Lars

```
-------------------------------------------------------------------
Lars Winther Christensen      E-mail:   lars.w.christensen@ttu.edu
Department of Math. and Stat.  Phone:           (+1 806) 834 6323
Texas Tech University          Fax:             (+1 806) 742 1112
Lubbock, TX 79409-1042         Homepage: www.math.ttu.edu/~lchriste
```

From:	Christensen, Lars W
Sent:	Wednesday, August 26, 2020 20:34
To:	Christensen, Lars W
Subject:	Math 2360-012 week 2

Hi,

This email has two topics:

    1. UPDATES AND REMINDERS
    2. PARTICIPATION CREDIT

UPDATES AND REMINDERS

I have put up the study guide for week 2 (31 Aug – 4 Sep). Remember that Homework Set 1 is due tomorrow night (8/27) and Set 2 on Monday. Don't hesitate to use the email button in WeBWorK to contact me. When you are working problems is probably the time when I can be of most help in your studies.

PARTICIPATION CREDIT

Please note that 15% of credit in this class, 1% per week, is earned by participation. To earn your 1% this week you can
    (1) post or answer a linear algebra question on the Linear Algebra Discussion Forum,
    (2) stop by Blackboard Collaborate during office hours tomorrow 1:30-3pm, or during the Q&A session Friday 1-2pm and ask a (relevant) question
    (2a) office hours can also be set up by appointment, and emailing me from WeBWorK with a question on homework of course counts as attending office hours.

If you have any questions, don't hesitate to contact me.

Best,
Lars
```
-------------------------------------------------------------------
Lars Winther Christensen      E-mail:    lars.w.christensen@ttu.edu
Department of Math. and Stat.  Phone:          (+1 806) 834 6323
Texas Tech University          Fax:            (+1 806) 742 1112
Lubbock, TX 79409-1042         Homepage: www.math.ttu.edu/~lchriste
```

Christensen, Lars W

From:	Christensen, Lars W
Sent:	Monday, August 24, 2020 06:29
To:	Christensen, Lars W
Subject:	Welcome to Math 2360-012
Attachments:	math2360201-syllabus.pdf; math2360201-waguide.pdf; math2360201-calendar.pdf

Dear students,

Welcome to section 012 of Math 2360 Linear Algebra; we are online because of the pandemic. I have taught this class online before, and I am certain that we will get through it in good shape; I hope that we will also have a good time at it.

     The class is asynchronous, but I will make myself available in various ways so that we can get to interact in person. I look forward to get to know you as best I can under these circumstances.

     The syllabus and course calendar are attached to this email. The class is organized by week: The semester spans 15 calendar weeks, and a week is generally organized around a study guide and two homework assignments. Below follows information about the web based platform(s) that we will use and a couple more.

BLACKBOARD (http://www.depts.ttu.edu/lms/) is our online home for this semester; this is where we will meet for Q&A sessions and where I will hold office hours. Study guides and assignments will be posted on Blackboard; the syllabus and calendar are already there. All emails sent to the entire class are also there in pdf format; this way you have easy access to all communications from me to the class.

     There are also two discussion forums: One for the mechanics of the class, where I will respond to your questions. Another about the actual class material where you are encouraged to, and can earn credit by, posting and answering questions.

     The assignments on Blackboard are actually just links to

WEBWORK (https://webwork.math.ttu.edu/webwork2/f20lchristem2360s012) which you should be familiar with from Calculus. You will get an email later this morning with instructions on how to access the site. The first homework assignment is due on Thursday 8/27, so make sure that you can access WeBWorK and contact me immediately with any issues you may experience.

There are two other web based resources that you may want to take advantage of:

MY TEACHING PAGE (http://www.math.ttu.edu/~lchriste/teaching.html) which has no access control, holds most of the information found on Blackboard, just not the grades and discussion forums. This is our backup if Blackboard acts up.

WEBASSIGN (https://www.webassign.net/wa-auth/login) which is the publisher's website. It has on top of the e-book also Power Point presentations and video lectures that you may find helpful in your studies. Access to WebAssign is ***not*** free and ***not*** required, but for those who have purchased access I have attached an guide on how to obtain access to this online content; the required Class Key is: ttu 4866 7034.

This is an online class for reasons beyond our control, and while I know that it is not what most of you would prefer, I also have the experience of it working great. Together

we will make this Fall 2020 class work even better: To engage yourself from day one, please check in this afternoon for office hours on Blackboard Collaborate to say hi!

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat.   Phone: (+1 806) 834 6323
Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste

From:	Christensen, Lars W
Sent:	Wednesday, August 19, 2020 14:58
To:	Christensen, Lars W
Subject:	A heads up about Math 2360-012

Hi,

You are getting this email because you are enrolled in Math 2360-012 Linear Algebra for the Fall 2020 semester; welcome to the class.

We start on Monday, the 24th, and by then you will find the syllabus and course calendar on Blackboard. However, I have already received questions about the textbook and class format, and with this email I share the answers will all of you.

1. The textbook for the class is "Elementary Linear Algebra" 8e by Ron Larson; here is the book's page at the publishers site https://www.cengage.com/c/elementary-linear-algebra-8e-larson/9781305658004PF/ . It sells for about $100 in the bookstores, but there is also a variety of (cheaper) options for time limited access to the e-book.
    If you can get your hands on a used copy of the textbook, that's great. If it is not the 8th edition, then you will have a little work to do: They like to reorder the exercises and examples with every new edition, and of course page numbers may change, so when I reference the 8th edition of the book, you will need to figure out what it translates to in your copy. Homework is on WeBWorK and not affected by this.
    If you buy a brand new textbook, then it will come with an access code to the online portal called WebAssign (WA); there is also an e-book with WA option. You are ***not*** required to have WA access for this class; we will rely on Blackboard and WeBWorK. However, WA has a some multimedia content that you may find useful. I will set up a dummy class in WA that those with access codes can enroll in, but again this not a requirement.

2. The class is asynchronous. This means that your participation in scheduled interactive activities is ***not*** required. I will provide reading guides with suggested problems to work in order to reassure yourself that you have understood the material. There will be two interactive Q&A sessions per week where you can ask me questions including having me work examples or homework problems; we will meet via Blackboard Collaborate and I will be using a document camera for these sessions. There will also be online office hours on Blackboard Collaborate.

Best,
Lars

Lars Winther Christensen   E-mail: lars.w.christensen@ttu.edu
Department of Math. and Stat. Phone: (+1 806) 834 6323
Texas Tech University   Fax: (+1 806) 742 1112
Lubbock, TX 79409-1042   Homepage: www.math.ttu.edu/~lchriste