MATH 281 ~~MIDTERM 2~~ FINAL EXAM INFORMATION AND INSTRUCTIONS

1. General procedures

These procedures are for ~~Midterm 2, Friday 20 November, 8:00 am–9:05 am~~ the final exam, Monday 7 December, 10:15 am–12:25 pm Pacific Standard Time.

- ~~Midterm 2 will be Friday 20 November~~ The final exam will be Monday 7 December, starting at ~~8:00~~ 10:15 am **Pacific Standard Time**. It must be submitted by ~~9:05 am~~ 12:25 pm **Pacific Standard Time**. For a nominally ~~50~~ 120 minute exam, this allows ~~5 minutes for downloading at the beginning and~~ 10 minute for scanning etc. at the end. You should arrive 5 minutes early, to get things set up and hear instructions. **You must stay until ~~9~~12:~~00 am~~15 pm, even if you are done.** Use the time to check answers, or ~~read a~~ to get ready for Math 282 by starting to read Chapter 15 of the book.
- ~~Midterm 2~~ The final exam will be open book and open notes. It must all be your own work; you may not collaborate with others. This means that no interactive help (in person, internet based, or any other method) is allowed, not even from the sentient fungi of the planet Yuggxth (where gravitational force at the surface is an exact integer). A graphing calculator (not on your computer) is allowed, but computer algebra systems are not. All electronic devices other than your computer, cell phone (if needed for scanning), and calculator must be off and out of reach; the cell phone must be visible but off when not being used for scanning. Normal rules on academic integrity apply.
- You must be present in the normal class Zoom meeting (ID 916 3410 5223) while taking the exam. Zoom settings:
  - Virtual background **off**.
  - Video and web camera **on**, and set to show you and your workspace.
  - Microphone **on**.
  - Speaker **on** (to hear announcements).
  If this is impossible, you must let me know well before the exam. In these cases, I will ask you to explain afterwards, via Zoom, how you arrived at your answers to one or two randomly chosen problems from the exam.

  I reserve the right to ask anyone in the class for the same kind of explanation, either right after the exam or at a later time.
- Submit questions to the instructor via chat. They will be answered via chat, unless they are something the whole class should know about, in which case they will be answered via a spoken announcement.
- Make sure that you have a good internet connection during the exam time.
- You will retrieve and submit your ~~Midterm 2~~ final exam via Canvas. (More detail below.) A computer or a laptop works better than a cell phone. The web browser Chrome supposedly works better with Canvas (if, unlike me, you are willing to trust Google). You should save a copy to your computer in case Canvas goes down. (This has happened.)
- Alternate retrieval, in case you have trouble with Canvas: from `https://pages.uoregon.edu/ncp/Nxq/Math281_Final_Exam.pdf`, to be available starting at ~~8:00~~ 10:15 am.
- Alternate submission, in case you have trouble with Canvas (or in case Canvas goes down): by email to ncp@uoregon.edu. (I will check the time stamps on email.)

Date: ~~20 November~~ 7 December 2020.

- If you prefer to print out a hard copy of ~~Midterm 2~~ the final exam and write your solutions on it, make sure that you have a printer nearby. Otherwise, you can read the problems on your computer and write your solutions on blank paper. If you do that, label the problems clearly. Either way, scan your solutions or take good pictures of your solutions. Then upload them to your computer and submit via Canvas or email before the due time, as a single file. If it is still before the due time and you want to submit a correction, you can do so. Files will be time stamped, and I will just grade the latest version of your submission.
- As when taking a test in class, be sure to show your work! No work means no or very little credit.
- You might consider taking your exam in a library or a computer lab. Some of them have printers and scanners. Find out their hours ahead of time. Also, be aware that some scanners are very slow.

2. How to retrieve ~~Midterm 2~~ the final exam on Canvas

Go to the Math 281 class page on Canvas. Click the "Assignment" link on the left. Under "Upcoming Assignments", there will be one assignment called "~~Midterm 2~~Final Exam". If you click on this assignment, you will be taken to a page on which a file called "~~Midterm 2~~Final_Exam.pdf" is posted. (This is different from the procedure for written homework, where the file was on the course website.) Click on the pdf file. You are then given the choice to see the contents on your screen or download it to your computer.

3. How to submit ~~Midterm 2~~ the final exam on Canvas

This is the same as for submitting written homework. On the same page where you see the file "~~Midterm 2~~Final_Exam.pdf", there is a "File Upload" box. Inside the box, click the button "Browse . . .". Then you can browse your computer and choose a file to upload. Once you are done, you click the "Submit Assignment" button to submit. You can submit multiple times as long as you do so before before due time. Only the last submission will be graded.

4. Exam instructions

Here are additional instructions for taking the exam. (They will also be on the exam cover page.) You should read them now, to be familiar with them.

Submit with your exam the statement (presumably handwritten), with your signature, "I understand the instructions on academic integrity for this exam, and will follow them. I understand that being found responsible for academic misconduct is considered cheating and will result in a score of zero on this exam."

Mathematical instructions:
(1) The point values are as indicated in each problem; total 100 points (not counting extra credit).
(2) Show enough of your work that your method is obvious. Be sure that every statement you write is correct. Cross out any material you do not wish to have considered. Correct answers with insufficient justification or accompanied by additional incorrect statements will not receive full credit. Correct guesses to problems requiring significant work, and correct answers obtained after a sequence of mostly incorrect steps, will receive no credit.
(3) Be sure you say what you mean, and use correct notation. Credit will be based on what you say, not what you mean.
(4) When exact values are specified, give answers such as $\frac{1}{7}$, $\sqrt{2}$, $\ln(2)$, or $\frac{2\pi}{9}$. Calculator approximations will not be accepted.

(5) Final answers must always be simplified unless otherwise specified.