

Math 291  
Presentation Lab  
Due the day before you present (to D2L)

**Instructions:** Turn in your lab portion in D2L Brightspace. You should submit both your raw TeX (.tex) file and your compiled document. Do *not* submit a .zip file.

You will be graded on both your raw TeX code and the accuracy of your compiled document.

- Your presentation is worth 40 points overall.
- 20 points is for the presentation in class itself, which is detailed on the next page.
- 20 points is for the Beamer file and its original .tex code, which is detailed below.

Your Beamer file for the presentation must include the following elements. *Note that everything that is in your Beamer presentation should be referred to during your presentation at some point.*

- You must use Beamer.
- There must be a title page.
- Do not include a separate frame with a table of contents. Instead, choose a Beamer style that includes a side bar that has the table of contents in it that is always visible (except for possibly the title page).
- There must be some mathematical derivation of at least four lines that uses the align\* environment.
- There must be at least one math graph (graph of a functions, trees or other graphs using nodes, etc.) created using either a tikzpicture or pspicture environment.
- There must be at least one imported picture (.jpg or similar).
- There must be at least four sections or subsections.
- The length of the Beamer file should be appropriate to accompany a 5-7 minute presentation.
- I don't care if your presentation is one cohesive topic or not, so if it is a collection of smaller topics to fit the above requirements with no logical segues between them, that's fine (although don't do that in another class - it is a terrible communication style!).

Additional comments

- Presentations will be given at classtime on May 2 and at the time scheduled for the final exam, which is Friday May 10 at 11:30 am-1:30 pm. The order will be determined in class on April 18.
- If you want to use this presentation as a dry run for a presentation in another class or project, or a re-presentation, that is fine, just make sure that you let both me and your other professor know that and that you adhere to the above requirements.

## Math 291 Grading Rubric for Presentation in class

- (a) Content: Does it have the required elements as listed on the other side?

0      1      2      3      4      5

- (b) Time Limit: Do you adhere to the time limit (5-7 minutes)

0      1      2      3      4

- (c) Vocal delivery: tone, volume, grammar/vocabulary, etc.

0      1      2      3      4

- (d) Presence: eye contact, body language, gestures, connect to entire audience and not just a subset, posture, etc.

0      1      2      3      4

- (e) Use of media: Did you use the projected presentation appropriately?

0      1      2      3