

MATH 110B—FINAL PROJECT

Due: Friday December 13, by 11PM

Getting Started

1. Get the template for this assignment. Here's how to do it:

- Go to <https://v2.overleaf.com/>, and **make sure you are logged in**.
- In a new window, go here:

<https://www.overleaf.com/read/grdtzhbcbxpy>

- Click on the menu icon in the upper-left and select “Copy Project”
- When ask for a name, choose something like “Math 110B - Final Project” and click “Copy”
- Please address all of the orange **todo** notes in the final project template (and then delete them when you are done). And please feel free to edit my words to make it your own.
- Email me your final draft.

2. Let me know if you have any questions!

If you have trouble finding the command for a math symbol you want to use, try looking in this document:

<http://mirror.hmc.edu/ctan/info/short-math-guide/short-math-guide.pdf>

Rules for the project.

1. You may freely use any results from our class up through the end of the book, but you should make it clear when you are using a previous result and which result you are using.
2. You may freely use any results *that were covered* in your 110A class, but again you should make it clear when you are using a previous result and which result you are using. Please don't use results from your 110A book that were not covered in your course unless you check with me first.
3. Fully justify all of your work.
4. You can work teams of two, and if you do, you only turn in one paper for the team. If you do work in a team, there is a short, open-ended team-evaluation to complete in the paper.
5. You are **NOT** allowed to consult external sources for the mathematics in the final project, but you can do general research to help write the narrative. If in doubt, ask me.
6. You are **NOT** allowed to discuss the mathematics of the project with anyone outside of our class.
7. You are **NOT** allowed to copy the work of your peers or let someone else copy your work.

Any violation of rules 5, 6, or 7 will be regarded as cheating and reported to the Sacramento State Office of Student Conduct.

Final Exam Meeting. I strongly recommend you trying to finish a rough draft of the paper by our final exam time: Thursday, Dec. 12 from 10:15AM–12:15PM. We will use the final exam time to try to finalize the papers and address any questions you have. **Please come to the final exam meeting even if you have already completed your project.**