

MATH 300 FINAL PAPER

1. FINAL PAPER DUE DECEMBER 12TH AT 5:00PM

The final paper for the course will be about any mathematical topic of your choosing. It must be 7 - 10 pages written in \LaTeX , and contain at least one theorem and proof (though probably you will want to include several to have a nice paper, but I leave it open in case you want to write about just one harder theorem).

I was originally planning on writing rough outlines that you could follow for this assignment, but the background and skill level and interest of the class is so varied that I've abandoned this idea (it was also too much work for me). Instead, you need to pick your own topic. Please choose something that you don't already know everything about. For example, don't write out a few simple theorems about groups if you've already had abstract algebra. Also, choose something that is appropriate for where you're at in your studies. At this point I'm roughly aware of what most of you know and don't know so I will stop you if I feel like you've picked something too easy or too hard.

I do have several ideas for paper topics that you could write if there is nothing that you can think of. So please ask me about them either in class or my office hours this week or next. I will also be more detailed about the kind of things that I'm expecting to be in the paper once we start talking about potential topics. There are a lot of different ways you can go with this so I want to leave it fairly open at this point. We will figure out the gritty details once you propose a topic to me.

2. PAPER PROPOSAL DUE NOVEMBER 2ND AT 5:00PM

During the week of November 3 - 7 there will be no class and no office hours for this course. Instead, I will have individual meetings with each of you (Sign Up Here: <http://homepages.math.uic.edu/~acamer4/meetingform1.html>) about the paper topic that you've chosen.

Ahead of this meeting, you need to submit a one page proposal (in \LaTeX) by email no later than Sunday, November 2nd at 5:00pm. It doesn't have to be an outline, but please be as detailed as possible about what you want to write about and how you plan on making it to 7 - 10 pages. At the meeting we'll talk about your proposal, and come up with a plan for what would make an acceptable paper, how many sources you'll need, and how strict I will be about grammar and spelling when grading the final product.

3. ROUGH DRAFT DUE NOVEMBER 26TH AT 5:00PM

A rough draft of your paper is due at 5:00pm on Wednesday, November 26th. We will then have another individual meeting about it the following week to talk through any remaining issues you're having (Sign Up Here: <http://homepages.math.uic.edu/~acamer4/meetingform2.html>). So no class or office hours that week either.

I was in college once and had to do things like submit rough drafts of papers so I know how this is going to go on your end. I get it. However, our meeting is going to be pretty awkward if you turn in garbage so try not to do that.

4. MARIO STICKER

As always, these bad boys are an option and the bigger the assignment the bigger the sticker.

FIGURE 1. glory and honor

