

Your final project is to improve the Numerical Analysis pages on Wikipedia/versity and report on what you did. Your project will be judged by the following criteria.

Presentation (20 points)

During the last week of class you will give a formal presentation in class on what you have done. Your talk must be a minimum of 5 minutes and a maximum of 10 minutes. Use the computer to present, only resorting to the chalkboard for un-anticipated questions. You can base your presentation on material on your user page or make separate slides. You will be given a sheet to comment on and rate each other's presentations. Math 544 students should be ready to talk on Monday 8 November. Math 444 students should be ready to talk on Tuesday 9 November.

Report (20 points)

Construct your final report on your user page using a copy of the template at http://en.wikiversity.org/wiki/User:Mjmohio/Final_Report_Template. It should document what you have done, and make the case that this is worthy of a good grade. Use your Good Problems skills. The report is "due" Monday 15 November; I will grade it online, so you do not have to print it.

Improvements (60 points)

The main judgment of your work is the value you have added to Wikipedia/versity. I consider value to be quality \times quantity, so you need some of both. The addition of incorrect or confusing material will decrease your total score. If someone deletes your contribution in the time between when you post it and when I grade it, that is a sign of poor quality.

444 students: Add/improve one or two Wikipedia page(s). Try to add things that would have helped you learn that topic easier/better.

544 students: You are working on Wikiversity, adding material to

http://en.wikiversity.org/wiki/Topic:Numerical_analysis

The goal is to add learning material that would not be appropriate on Wikipedia, such as:

- Long or detailed examples.
- Exercise (which are basically examples with steps hidden).
- Sample code.
- Quizzes.

Although mathematical ideas are in the public domain, the actual text of books and other resources is often copyrighted. You can read an example, be inspired by it, and construct your own similar example, but you cannot just copy it. Even if you changed things enough that you do not think you should put a reference on the Wikipedia/versity page, you should still give a reference in your report.