

Professor Erin McNicholas

Project 1 is due on Thursday, October 4, 2007. Projects will be turned in using TurnItIn.com

You will be evaluated on:

- Valid arguments supported by examples and mathematical reasoning. (30%)
You will be marked down for statements which are not true and arguments that are not well thought out.
- Clarity. (30%)
Strong papers will be easy to read and understand by someone not in our class. Terminology will be defined and explained. In ‘A’ papers, every sentence will be clear, precise, and without ambiguity.
- Mathematical breadth. (20%)
Strong papers will stretch the project topic to address many mathematical ideas. ‘A’ papers will have a strong main idea and include a few sub-ideas. ‘A’ papers may go beyond the given project description. They might include connections from the project topic to real world examples of the mathematics involved in the project.
- Mathematical sophistication. (10%)
Strong papers will use proper mathematical notation and terminology. ‘A’ papers will have succinct arguments. The mathematical difficulty of the project will impact this portion of the grade.
- Overall exposition, organization, and/or creativity. (10%)

Project should be approximately 3-5 pages in length. You will not be marked down if your paper exceeds 5 pages. Note, however, that in mathematics the length of a paper has no relation to its strength. If you can say everything in 3 pages, do so.