

October 12, 2010

Names: _____
Section: _____

MA 201: Presentations

Please read the following carefully.

When: Student presentations will be given on November 4 and November 9.

Objective: This project is designed to emphasize the quality of mathematics based on the following **NCTM** standards:

- Students will work on mathematics collaboratively in groups.
- Each student in MA201 will make a quality oral presentation about some part of mathematics.
- Students will think about mathematics independently and as part of a group.
- Students will learn to write about mathematics.
- Students will become acquainted with journals and articles which are mathematics content based.
- Students will present ideas with a conceptual emphasis.

Groups: There will be 5 groups formed by the instructor. Topics will also be chosen by the instructor.

Presentation Day: Each member of the group must make an oral presentation for precisely five minutes. These presentations should be very well planned, and to be successful, should be practiced beforehand. The entire class is expected to attend both November 4 and November 9 unless they have a University Excused absence. Your presentation grade will suffer if you are not in class.

Preparation: Each group is required to meet with the instructor before giving their presentation. Please begin setting up your meeting time as soon as possible.

The Presentation: Your group will decide how to structure the presentation (remembering that everyone must speak for exactly 5 minutes). The audience members are your fellow MA201 classmates. Presentations will be evaluated on:

- Quality of the oral presentation: (20 points)
- Preciseness and mathematical correctness: (20 points)
- Applicability to the classroom/relating the material to K-8: (20 points)
(Note that this is not the same as presenting to K-8 students)
- Creativity/bringing more to the presentation than found in the book: (20 points)
- The last 20 points come from Peer Assessment and are described below.

Peer Assessment Assignment: Each person's presentation performance will be evaluated by both their own group members and one person outside of their group in the following manner:

1. Each person will write one paragraph about how each member of their own group contributed or failed to contribute to the presentation. They will also include a score for each group member out of 10 points. (You will not score yourself.)
2. I will assign each person in the classroom with one other individual to watch and evaluate. You will write two paragraphs about this person's presentation performance and evaluate how well they were prepared. You will also include a score for this person out of 10 points.

Scoring: The scoring is described in detail above. I will average your group's rating of you out of 10 points, and add up the points to give a total out of 100 points. This presentation is 15% of your total grade.

Finally: You should practice the presentation at least one time as a whole group. You should practice your own part more than one time before the day of the presentation. If you have any questions for me, please come to see me. Waiting until the last minute will not benefit you, me, your group, or your classmates.

Additional Info: The majority (80 points) of your presentation grade will be the same for you and your entire group. If you believe someone in your group is not performing, please let me know via email or come to my office.

The chapters in the book which will be presented are 3.1, 4.1, 5.1, 5.2, 5.3, and 5.4.
There will be homework over these sections.