

Introduction to Mathematical Modeling

Professor:

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Final Poster Guidelines

The Mathematical Modeling Final Project Poster Session will be held on **Tuesday November 28th during our class time**, you are required to be there during this time period. You should plan to set up your posters well before the beginning of the session so we can start on time. I will start grading posters 10 minutes before the start of class.

All posters must be set up 30 minutes prior to class and taken down after class. You are responsible for putting up and taking down your own poster or getting a classmate to help.

There will be snacks!

Your goal is to engage your classmates in a discussion of your work. Ideally we will give each other feedback and question the assumptions made in the models. We could also give suggestions for improvements to the model.

Grading Rubric

- Timely poster set up and take down (10 points)
- Overall clarity and organization (15 points) - Was the poster easy to read and did it look well organized and professional? Was it colorful and engaging? Was the typing big enough? The poster should not be too cluttered.

- Introduction and Background (15 points) - Is it clear what problem is being modeled and why the problem was important to the modeler? Was all jargon explained? Do you feel like you understand the basics of the problem?
- Model (35 points) - Was the model clearly explained? Did the poster include a diagram of the model or some sort of visual description of the problem? Were the assumptions clearly stated? Were all the variables and the most important parameters defined? Were the mathematical equations clearly stated on the poster? Do the model and equations make sense?
- Results or Future Work (15 points) - Were the main results of the model clear? Was there a sensitivity analysis or discussion of an analysis to come? Did the poster include at least some (baseline) data generated from the mathematical model in the form of graphs or tables? Were the graphs or data helpful in describing the main results? Did the model have clear solutions or management ideas? If there were limited results, did the poster clearly state what the next steps were?

10 PIZAZZ POINTS - The over all poster looks really professional. You have pictures and graphs that look great. The poster is interesting and clearly explains the model.

TOTAL = 100 POINTS

