

Modeling Project
Math 636 (Mathematical Modeling)
Fall 2024

- Final-Grading Weight: 30%
- This is a group. Creating a discussion forum and participating in it may help improve quality of the project.
- **Proposal and Review**
 - Select a topic identifying some real-world issues. Prepare a proposal to develop *mathematical models* for addressing those issues.
 - Submit 1-page project proposal (prepared based on those questions) by **Wednesday, September 18, 2024**. Guidelines for writing proposal will be posted on the canvas. Submission is via GradeScope.
 - Present background and your proposal (PowerPoint) on **Wednesday, September 18, 2024**.
- NOTE:** If you are having hard time to decide the topic, meet with me one week before the deadline for the proposal submission.

 - You will receive project proposals prepared by another group/individual. Review the proposal and submit a review report (~1/2 page) by **October 02, 2024**. (Individual review report)
 - Your group or you will be provided review reports on your proposal.
- **Final Presentation:**
 - Final presentation will be on **December 09 and 11, 2024**. Prepare PowerPoint presentation of your completed project. Each member of the group (if working in a group) must have some portion in the presentation.
- **Project report due (December 13, 2024):**
 - Submit a project report (No more than 10 pages including references, single space, 12 pt font size)
 - Format your report as follows: Abstract, Introduction, Model-system Description, Model analysis, Numerical Results, Discussion, Conclusion, References.