

Projects

You may submit a written project in place of one of the in class exams or the final exam. A successful project will demonstrate how ideas and techniques of combinatorial and discrete mathematics apply in a context outside of our classroom discussions. Possible topics include a detailed study of an optional section in the text, a further investigation of a challenge problem or may be selected in consultation with me or a professor in your major or minor field.

There are two types of projects.

Level I: A Level I project may be submitted in place of one of the in class exams. The final date for submission is Friday, December 5. A Level I project will be at least 6 pages, not including figures and equations.

Level II: A Level II project may be submitted in place of the final exam. The final date for submission is Monday, December 15. A Level II project will be at least 8 pages, not including figures and equations. In addition, a Level II project will include a product: computer program, demonstration model, poster or presentation.

To receive an “A” your project must show that you have gained a mastery of an application of combinatorial and discrete mathematics, be clearly written and be understandable by your peers. The same topic may not be used for both a Level I and Level II project.