

Math 105, Fall 2011
Extra Credit Assignment

Write a short essay about an instance where **a mathematical idea or topic from class appears in the real world**. You may use any of the topics we have covered throughout the semester. Preferably, write about a personal experience of your own in which mathematics plays a role. You can also look at the suggestions for projects at the end of each chapter in Tannenbaum. However, you should write about something *new* — just describing or summarizing an idea from the textbook is not sufficient.

Requirements

- Explain the example you find and how it relates to the ideas of the course.
- Write in clear and correct English, with correct spelling, grammar, and punctuation.
- Your essay should be approximately 200–300 words (roughly one double-spaced page). This is a guideline and not an absolute requirement. However, if your essay is considerably shorter than this and lacks sufficient detail, you may not earn full credit.
- **The work must be individual and original.** You should not work with other students on the project, or use any outside source (e.g., Wikipedia). Do not claim another’s work as your own! For guidelines, see, e.g., the “Avoiding Plagiarism” guide published by the KU Writing Center.
- **You may do up to two projects.** Each project is worth up to 10 bonus points, to be added to your semester total (out of 1000 points) after the final curve is determined.

Submission

- Format your assignment either as plain text (.txt), a Microsoft Word file (.doc), or a PDF file (.pdf).
- Include your name and KU ID.
- E-mail your assignment to `math105-f11@math.ku.edu` with the subject line “Extra Credit Assignment, [your name]”. (Doing this will help us divide the grading among the TAs.)
- All extra-credit assignments must be received by 11:59 PM on **Thursday, December 8** (the last day of classes).