

M255: Calculus for Biological Scientists II

Final Project

The final project will be worth 15% of your final grade and will be due in class no later than Friday May 4, 2012. You will be asked to find an appropriate peer reviewed journal article in your field of study (or any other area that interests you) that uses the mathematical techniques that we have learned in class. There are many undergraduate level journals out there and I can help you find them if necessary or you can contact *Michelle Wilde*, the CSU librarian that came into class, at Michelle.Wilde@colostate.edu or via chat on the class website she created for us (<http://libguides.colostate.edu/math255>).

The grade for the project will be split into three parts.

- Complete the attached form detailing the title, author, name of journal, date, and subject matter of the article (due in class on Friday April 20, 2012 with a copy of the article attached) (5% of final grade, i.e. 1/3 of project grade)
- A 5 minute PowerPoint or other digital presentation to the class summarizing your 3 page paper (5% of final grade, i.e. 1/3 of project grade). Keep it simple with pictures, main points, what you found interesting, what types of math were used, etc. You **MUST** e-mail me the presentation by midnight the night **BEFORE** you present in class.
- A 3 page, double spaced and size 12 font, paper giving an overview of the article and explaining what kind of math is used and how it connects to what we have studied in class. Your write up must include a bibliography (not included in the 3 page count) and cite all sources used. When you submit the assignment (via RamCT), I will ask you to sign the CSU Student Honor Pledge "*I have not given, received, or used any unauthorized assistance.*" (5% of final grade, i.e. 1/3 of project grade)

