Math 4513 homework

Homework Assignment #8 (due immediately when you see this assignment). Email a brief message from the email address where you prefer to receive communications from me, to my office email dmccullough@math.ou.edu.

Homework Assignment #9 (due by Wednesday, March 2) Make your decision about whether you wish to go to the MAA meeting at UCO in Edmond. As you will recall, on Friday, April 1 the meeting starts at 1 p. m. and ends around 9 (with the banquet at 6, and the annual Court lecture at 8, this year by the well-known mathematician Lou Kauffman), then it goes Saturday 8-12 a. m. I plan to make two round trips, since it is so close, and I can probably take 2 or 3 with me. The mathematics department will pay your $5 registration fee, the $12.50 banquet cost, and any vehicle mileage. If you wish to go, please confirm this to me in class or by email. Also, let me know if you would be willing to drive either Friday, Saturday, or both, and any other relevant information. If something comes up later and you can't go, that's OK, but we do preregistration, apply for reimbursement and so on.

Homework Assignment #10 (due by Friday, March 4) Give me your proposal for your seminar on some mathematical historical topic, as described in Assignment #7. Write a brief description of the topic and the ideas, events, and/or people that you think you would probably focus on. Include the principal source(s) that you would work from. You can give me a written document or email me the information, whatever you prefer. If the principal source is available online, please include info on how I can find it. If you wish, you can propose more than one topic and I will let you know what I think of each one, and try to make a recommendation. In general, more mathematical content is better than less.

Homework Assignment #11 (optional, but well worth you time) If you do not have LaTeX installed on your computer, see about installing it (installation and use are completely free of charge). For example, the first Googol link for LaTeX,
`http://www.latex-project.org/` ,
leads to
`http://www.latex-project.org/ftp.html`
which links to a free Windows installer at
`http://www.tug.org/protext/`
as well as installers for linux and Mac systems. No doubt there are many other ways to obtain LaTeX as well, for example from CTAN (`http://www.ctan.org/`).

LaTeX is an enhanced version of TeX, a truly brilliant creation of the famous computer scientist Donald Knuth. It enables you to create beautifully typeset mathematics, or any other kind of written material, quickly and easily. There are versions that produce pdf files and other formats, versions that allow you to includes graphics, everything you can imagine, and all free. Most every mathematical person I know thinks that LaTeX is wonderful. Later in the semester I plan to give an introductory-level seminar about using LaTeX, and you will very likely find it useful no matter what you do after graduation.