Math 5902, Teaching Seminar
Assignment 3


Also read the sample course information sheets for Math 1613 and Math 1513.

Due date: Thursday, Sept. 11 in class

1. Go to the Main Office in MS 401 and check out a copy of the text Trigonometry, revised third edition, by Baley and Sarell. This is the text for Math 1613, Trigonometry.

2. Arrive at the MLRC, in the basement of South Murray Hall, 15 minutes before your selected time, so that staff can show you the facility briefly before your shift starts. Wear neat long pants or jeans, closed-toe shoes, and do not wear a T-shirt with a large logo on either the front or the back (a small logo on the front just below the shoulder is acceptable).

3. You will tutor in the main tutoring room for one hour. The courses tutored in that room include:
   - Math 0123, Intermediate Algebra (remedial – like Algebra 2)
   - Math 1483, Functions and their Applications
   - Math 1513, College Algebra
   - Math 1613, Trigonometry
   - Math 1715, Pre-calculus (Math 1513 and 1613 combined)
   - Math 2103, Elementary Calculus (Business Calculus)
   - Math 2123–2133, Tech Calculus I-II
   - Math 2144–2153, Calculus I-II

Different courses have different procedures for differentiating, etc. Do feel free to flip back through a student’s book to determine what procedures are used in that course. Solution manuals to all texts are also available, and you may ask any of the coordinators for help at any time.

4. Remember that you are not an “answer factory”. You should give the students hints, give them advice about the method, ask leading questions based on things they know, or do a similar problem, but do not do their homework for them.

5. After your tutoring session, write a two page essay addressing these two questions:
   (a) Describe three different types of students you worked with and what tutoring method(s) you used with them.
   (b) How do you believe tutoring or working with students one-on-one is similar to or different from working with a classroom full of students?

Your essay is due on Thursday in class.