Mathematics Tutoring  
Math 2644  CRN 94483  Fall ‘13  
Course Contract

Instructor: George Kuster
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Office Hours: By appointment.

Prerequisites:  
Successful completion of the majority of 1000 and 2000 level math courses, specifically MATH 1205 and MATH 1206.

Course Description:  
This course is designed as an introduction to mathematics tutoring. A concurrent mathematical tutoring experience is required. Students will reflect on their tutoring experience to develop and refine teaching goals and skills.

Purpose of the Course:  
This course is designed with the following purposes in mind:  
1) to develop skills (e.g. listening and questioning strategies) as a tutor,  
2) to gain insight about student thinking and learning through tutoring experiences,  
3) to model tutoring experiences and strategies,  
4) to view mathematics teaching as problematic- where it becomes necessary to model a student's thinking and change your own approach to the interaction.

Course Assignments:  
• Attendance and Participation: (20 points)  
All students are expected to attend and participate in class discussions and activities each week. Participation will factor into your final grade. Excused absences will only be granted with advanced notice or family/medical emergency. More than two unexcused absences may result in a deduction of your final grade.  
• Journals: (50 points)  
An important part of learning from any experience is reflection. A substantial portion of the assignments in this course will be journals, which include reflections on your tutoring experiences. Each week you will turn in a journal entry based on your tutoring experiences that week. This is not a summary of what happened but a reflection on the events and why they are significant.  
• Tutoring Logs: (10 points)  
Each student will turn in a tutoring log on various dates throughout the semester (see below). Tutoring logs are designed to keep track of the number of tutoring hours you are accumulating throughout the semester.
• **Final Project:** (20 points)
  As a culmination of the experiences and reflections throughout the course, you will complete a final project. Details about the final project will be announced later in the course.

**Important Dates:**
  Journals will be turned in electronically by 5:00 pm on the date of each class meeting via DropBox (not the one on scholar).
  Tutoring logs should be brought to class on the following dates:
    - September 20
    - November 1
    - December 6
  The final project will be due by the last class meeting, December 6th.

**Summary of Grading:**
  Points from course assignments (Attendance and Participation, Journals, Tutoring Logs and the Final Project) add to 100. Your total number of points determines your grade.
  Letter grades will be assigned as follows:
    - Earning 90 points warrants at least an A-
    - Earning 80 points warrants at least a B-
    - Earning 70 points warrants at least a C-
    - Earning 60 points warrants at least a D-

**Honor System:**
  You must abide by the Virginia Tech Honor Code for all graded work.

**Scholar:**
  Scholar will be used to post announcements and grades. Also, important course documents, such as this one, will be posted and available for download. You will be expected to sign in to Scholar and read the announcements daily.

**Students with Special Needs:**
  Any student with special needs or circumstances should feel free to meet with me to discuss any accommodations they may need.