Course Syllabus M316K Summer 2008

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Course Webpage: www.ma.utexas.edu/users/stirling/teaching/M316K/M316K.html
Office Hours: TBA
Daily Torture Schedule: MTWTHF 10:00 - 11:30 GRG 424
Text: Bassarear, *Mathematics for Elementary School Teachers 4th Edition*

In this course we are going to talk about the foundations of arithmetic. You know how to add, subtract, multiply, and divide. This class is not about relearning material that you already know. This class is about exploring the *foundations* or mathematical thought, alternative methods, and historical perspectives. Mostly it is about practicing teaching.

We are going to cover the following chapters:

Chapter 1,2,3,4,5,6

Since we only have 5 weeks this is going to be fast and tough. I will give more detailed reading lists as the course progresses. I expect you to show up and take your beatings every day. I do not plan on using the "Explorations" manual, so do not buy it (although you will likely need it for M316L). You should NOT need a calculator.

Final: There will be a comprehensive final. It will be given in 2 parts on July 9 and 10 (for 1.5 hours each during class time).

Homework: I will assign homework weekly. You are expected to solve EVERY problem in detail. These problems will be handed in each Monday AT THE BEGINNING OF CLASS and the grader will grade and return them. LATE HOMEWORK WILL NOT BE ACCEPTED. Please do NOT slip homeworks under my office door because I really hate that. You are also expected to read READ **READ** the sections in the book that I cover. Note that my policy is: I DO NOT alter how homeworks have been marked by the grader except in the case where the score has been misadded.

Midterm: There will be a 1.5 hour midterm on June 23.

Grades: I will grade 30% homework, 25% midterm, 35% final, and 10% attendance.

The University of Texas at Austin provides upon request appropriate academic accommodations for qualified students with disabilities. For more information, contact the office of the Dean of Students at 471-6259, 471-4641.