

MATH 5003
Fall 2009

Instructor: Jennifer Belton
Room: Physics 254
Time: MW 8-9:15
Instructor's Office: Boyd 427A
Office Hours: to be determined
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Course Website: <http://www.math.uga.edu/~jbelton/5003.html>

The required texts for this course are *Mathematics for Elementary Teachers*, second edition, and the accompanying activities manual. Please bring the activities manual to class every day.

This semester, we will study number theory, algebra, probability, and statistics. Although computational accuracy is important in mathematics, as teachers you will also need a deeper understanding of the “why” behind the mathematics that you will be teaching to your elementary school students. This course will focus on the reasons “why” that form the foundations of mathematics.

I will grade all of your work on a scale from 0 to 5. Your score will be determined using the following rubric:

Points	Description
5	logically accurate, complete, computationally correct, and could be used as an example for others
4	logically accurate, computationally correct, and largely complete, with only minor errors or omissions
3	has some of the qualities of a “4” assignment but has significant errors in reasoning or computational accuracy
2	work shows significant effort but contains pervasive errors or does not follow directions
1	effort shown
0	problem not attempted or no effort shown

Occasionally, I will give a grade of 5.5 for outstanding work.

Your overall grade will be computed using the following percentages:

Test 1	20%
Test 2	20%
Quizzes	10%
Field Assignment	5%
Homework	15%
Participation	5%

Final Exam (Comprehensive)

25%

Make-up quizzes and exams will not be given. Emergencies will be handled on a case-by-case basis.

Attendance Policy: You are required to be in class every day. If you have an emergency, please let me know as soon as possible.

Homework: Your homework must be typed. You may add in pictures, equations, diagrams, or special characters by hand if you need to do so. You are allowed to discuss the homework with other students, but you must write up your answers to homework questions on your own, without other students' help. Homework will not be accepted via email.

Electronics Policy: Laptops and cell phones may not be used in class.

Academic Honesty Statement: As a University of Georgia student, you have agreed to abide by the University's academic honesty policy, "A Culture of Honesty," and the Student Honor Code. All academic work must meet the standards described in "A Culture of Honesty" found at: www.uga.edu/honesty.

Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor.

Disclaimer: This syllabus provides general guidelines for the course and is subject to change at the discretion of the instructor and/or the department.