

Fundamental Mathematics
Math 347 Section C1
Spring 2011

Instructor: Elizabeth Csima

Office: Illini Hall 332 (721 S. Wright Street)

Email: ecsima@illinois.edu

Phone: (217) 244-6867

Meeting Time: MWF at 10:00-10:50 in Altgeld 141.

Course Website: www.math.uiuc.edu/~ecsima/347.html

Office Hours: TBA, also by appointment.

Text: D'Angelo and West, *Mathematical Thinking: Problem Solvings and Proofs*, 2nd Edition, Prentice-Hall, 2000.

Test Dates: Friday, **February 18**, Friday, **March 18**, and Friday, **April 22** in class.

Final Exam Date: **8:00-11:00 AM**, Friday, May 6 in Altgeld 141.

Homework: There will be weekly problem sets which will be due each Friday at the beginning of class. No late papers will be accepted and no extensions will be given. You are encouraged to discuss homework with each other but the papers must be written up independently. Your lowest homework score of the term will be dropped.

Tests: There will be three tests this semester that will be given in class. Each of them will be 50 minutes long. The questions on the test will be similar to the questions assigned for homework.

Final Exam: The final exam will cover **all** of the material taught during the semester.

Grading Policy: The tests are each worth 20% of the final grade, the homework is worth 10%, and the final exam is worth 30%.

Syllabus: Math 347 introduces students to mathematics, improving their ability to absorb and communicate it via practice in problem-solving and writing proofs. Topics that prepare for upper class courses include logical reasoning, induction, equivalence relations, elementary counting, and limits.