

Syllabus–Math 566

Winter 2007

Professor: Dr. Jim Brown

Office: 630 Math Tower

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Office Hours: M 11:30 - 12:30 pm, F 2:30 - 3:30 pm, and by appointment

Course Website: <http://www.math.ohio-state.edu/~jimlb/Math566.html>

Lecture: Lectures are at 10:30 am Monday, Weds, and Friday. I do not take attendance, but it is important for your understanding that you attend class regularly.

Review Sessions: I will hold *optional* review sessions on Thursdays 10:30 - 11:30 am. We will discuss previously assigned homework problems as well as any other questions that are not dealt with in class. There will not be in class review before exams.

Description: The course is the follow-up course to Math 366. The desire of the CS&E faculty is for this course to present math in a rigorous form and require students to deal with abstract systems and mathematical proofs. We will roughly cover chapters 6, 9, 8, 10, and 11 of the text with some sections omitted and some material not in the book added. Assignments will be posted at the course webpage!

Text: *Discrete Mathematics with Applications 3rd Edition* by Susanna S. Epp ISBN: 0-534-35945-0

Grading:

- Individual Homework: 35% of final grade
- Midterm 1: 15% of final grade
- Midterm 2: 20% of final grade
- Final Exam (Cumulative!!): 30% of final grade

Exam Dates: First Midterm Exam Fri., Jan. 26 6:00-7:30 pm
Second Midterm Exam Fri., Feb. 23 6:00 - 7:30 pm
Final Exam Wed., Mar. 14; 9:30 am - 11:18 am

Exam dates are ***absolutely*** firm. All students enrolled must plan to take exams at the scheduled times. Travel plans will ***not*** be considered an excuse to take an examination on a different date.

Homework: It is expected you work on the homework with other people in the class. However, you are responsible for writing up your own solutions. If you are having difficulty with the homework please see me in office hours or make an appointment. Be prepared to show evidence you have spent some time working on the homework before office hours. Also, please do not wait until the last minute to ask for help!