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Fall 9-1-2000

MATH 107.04: Contemporary Mathematics

William Gaeuman

University of Montana, Missoula

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MATH 107 Course Outline

General Information

Instructor: Bill Gaeuman

Office: Corbin 254

Office Phone/Voice Mail: x6940 E-mail: bgaeuman@selway.umt.edu

Office Hours: W,F 8:10 - 10:00, and by appointment

Text: Tannenbaum and Arnold, Excursions in Modern Mathematics,
Prentice Hall, 3rd edition.

Content

We will cover a selection of chapters from the text with emphasis on a careful reading of the material.

Expectations

1. Attendance/Participation (50 pts)

I will periodically request that you submit a 3x5 notecard with your name and a question regarding the reading assigned during the previous class.

2. Review/Problem Presentation (100 pts)

Prior to the last week of class (week fifteen), submit a review of a book or article listed as a reference in the text or present in class one of the "running" problems from the text -- your choice. In either case, you must discuss your plan with me in advance. Reviews should be about three pages in length and presentations on the order of 10 minutes.

3. Homework/Quizzes (~200 pts)

Short assignments and quizzes, typically worth 10 to 20 points each, will be given throughout the semester.

4. Final Exam (150 pts)

A comprehensive, open-book final will be given at 8:00 Tuesday Dec 19 (section 5) and 1:10 Thursday Dec 21 (section 6).

Grading

The quotient of your point total, including extra credit (if any), and the sum of the point totals above (~500) will determine your grade. Expect .90 to earn you an A, .80 a B, and so on, though that scheme could be modified in your favor. It is your responsibility to keep informed of what is expected when. Late assignments will not be accepted and missed quizzes cannot be made up unless you have good reasons, in which case it is in your interest to let me know of them via voice mail, E-mail or otherwise ASAP.