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MATH 107.04: Contemporary Mathematics

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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 (500 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.