

## MATH 103-08 – Development of Mathematics – Spring 2004

This course meets for two and a half hours (8:15-10:45pm), once a week (W) in Richardson Hall – Room 273. The following information summarizes the course topics, policies, and philosophy. It also lists pertinent information about the textbook, my office hours, and academic honesty.

**TEXTBOOK** There are two texts for the course: *The Number Devil: A Mathematical Adventure* by Hans Magnus Enzensberger (published by Owl Books) and *The Saga of Mathematics: A Brief History* by Marty Lewinter and William Widulski (published by Prentice Hall). I will supplement these texts with lecture material that may or may not be in the texts.

**COURSE OVERVIEW** This course will introduce you to mathematics with a loose historical development of some mathematical ideas and how they relate to other areas of intellectual development. But, mostly, this course will introduce you to mathematics. Some of this may be new and some of it you may have seen before, but hopefully it will all be interesting. This course will require you to be concise and analytical in your thought and to be able to communicate your ideas. Your participation and insights are valuable to the development of the course – for you and your classmates. And, since there will be classroom activities, it follows that participation will be part of your grade. We will cover all of the chapters in both books!

### YOUR GRADE BROKEN DOWN

Weekly Quizzes (drop lowest)	350	Midterm	200	Final Exam	200	Paper	200
Participation	50						

Letter grades are awarded by the following minimum percentages (divide the total points by 1000):

A- 90%; B- 80%; C- 70%; D- 60%; F < 60%. There will be weekly quizzes; the lowest score will be dropped. There will be a final exam given on Wednesday, May 12, 2004 from 8:15-10:15pm. This is the last day of finals – deal with it!

Homework will not be graded, but will be similar to problems that will make up the quizzes and tests. Realize that to receive credit on any graded event that you will have to show all of your work and include relevant explanations in full sentences in your best prose style. As with all courses that satisfy the GER requirements, there is a writing component to this course; this includes a paper that counts for 20% of your grade.

**MAKE UPS** There will be no make up quizzes. If you miss one quiz, that quiz score will be dropped from your total. If you miss a second quiz, you receive a zero. If you miss a test (for a legitimate reason ... for example, a verifiable illness or a death in the family), we will discuss options for making up the points, usually by increasing the percentage of another graded event. However, for such an absence, I will notify the Dean of Students of the absence and the reason for the absence.

**ACADEMIC HONESTY** It is presumed that you will do your own work on the homework, quizzes, and tests. Discussing homework problems with others is encouraged; however, submitting work as your own which is copied or paraphrased from someone else is not permitted. Cheating includes, but is not limited to, illegal collaboration, copying, using materials not permitted on tests, and assisting others on tests. Anyone found cheating will not be permitted to withdraw and will receive an F for the course. Your academic dean will be informed and a statement will be placed in your permanent file.

**OFFICE HOURS**      **Mon 1:30 – 2:30 pm**    **Wed 7:45 – 8:15pm**    **Thurs 4:00 – 5:00;**    **7:45–8:15pm**

Specific questions regarding homework or lecture may be asked during office hours. If you cannot make any of the scheduled office hours (above), you may schedule an appointment. You may drop by my office and see if you can catch me when I am not busy.

**MISCELLANY** The last day to withdraw and receive a 100% refund is January 27. The final day to receive a 50% refund is February 23. The final day to withdraw from a course is March 11. Please consult the Schedule of Courses for other useful information.

My office information is given below. If you want to leave a message, but do not want to risk running into me, I have a mailbox on the 2nd floor of Richardson Hall. You can leave messages at this location.

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