

Math 310-01, 02: Elementary Mathematics II - Dr. Miller - Course Information - Fall 2009

Meeting Times: M-F Periods 6 (1-1:50) and 7 (2-2:50)

Course Description: Development and construction of the rational and real number systems, in-depth study of probability, statistics, and measurement. Special emphasis on the **content** knowledge necessary for elementary school teachers. This course does **not** address teaching methods.

Prerequisites: Passing grade in Math 210 – Elementary Mathematics I

Texts:

A Problem Solving Approach to Mathematics by Billstein, Libeskind, and Lott (**9th edition**)
Supplemental Activity and Homework Manual by Miller

Grading:

<i>Quizzes</i>	50 pts	<i>See explanation below.</i>
<i>3 Hourly Exams</i>	300 pts	<i>100 points each</i>
<i>Final Exam</i>	150 pts	<i>The final is cumulative.</i>
<i>Total</i>	500 pts	<i>Grades are based on percents below :</i>

$$A = 90 - 100\%; B = 80 - 89\%; C = 70 - 79\%; D = 60 - 69\%; F = 0 - 59\%$$

There will be ten 5-point quizzes during the semester, always at the end of class.

Quizzes will be open-book/open-notes over the previous day's material.

Completing homework and asking questions are the best way to prepare.

Roughly 20-30 homework problems will be assigned for study each day.

Exam Dates:

Exam #1: tentatively Wednesday, September 30

Exam #2: tentatively Monday, November 2

Exam #3: tentatively Friday, December 4

Final Exam:

Wednesday, Dec. 16, 3:30-5:30 for Period 7 class

Thursday, Dec. 17, 1-3 for Period 6 class

You **MUST** take the Final Exam with your regularly scheduled class.

Attendance:

Regular and prompt attendance is expected but does not count toward your grade.

Make-up exams and quizzes will be given **only** for **documented** cases of illness, family emergency, or University business. Failure to inform me of your pending absence at the earliest possible instance may result in forfeiture of the opportunity for a make-up, with a score of 0 instead.

Should you miss class, it is **your** responsibility to get the notes from a classmate and to prepare your work in time to rejoin the class **in progress**.

Office Hours: MWF 3-3:50, TR 2-3:15

Contact Information:

My office is Room 002 in Patterson Hall.

My office phone number is 724-738-2878; it is equipped with voice mail.

The Math Department number is 724-738-2061; the secretary can leave messages in my mailbox.

My email address is Lyn.Miller@sru.edu

My web page is granite.sru.edu/~lmiller . (No Blackboard, no "www." prefix.)

Assignments and other information will be posted on my web page regularly.