Meeting Times: MWF Periods 3 (10-10:50) and 4 (11-11:50) and TR Period C (11:00-12:15)

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:  
1. Spring 2010 Supplemental Activity and Homework Manual by Miller ($5, will be sold in class)  

Grading:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>50 pts</td>
</tr>
<tr>
<td>3 Hourly Exams</td>
<td>300 pts</td>
</tr>
<tr>
<td>Final Exam</td>
<td>150 pts</td>
</tr>
<tr>
<td>Total</td>
<td>500 pts</td>
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</tbody>
</table>

See explanation below.

Grades are based on percents below:

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

Cell phone use or out-of-turn talking causes a 2-point deduction for each infraction.

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 the week of Feb. 15  
Exam #2: tentatively the week of Mar. 22  
Exam #3: tentatively the week of Apr. 26  
Final Exam:  
- Tuesday, May 4, 10:30-12:30 for TR class  
- Wednesday, May 5, 10:30-12:30 for MWF Period 3 (10 am) class  
- Friday, May 5, 10:30-12:30 for MWF Period 4 (11 am) class  
You MUST take the Final Exam with your regularly scheduled class.

Attendance:  
Regular and prompt attendance is expected and counts as one quiz grade.  
Make-up exams and quizzes will be permitted 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 12-12:50, 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.

For health reasons, I cannot allow ANY food nor UNcovered beverages in class.