Math 221-01: Basic Concepts of Elementary Mathematics I
Summer E 2015 (June 1 - June 25)

Class Times: MTWThF 1:15 PM-3:15 PM in FLINN 207

Instructor:	Michael Lane	**E-mail:**	lanema@mailbox.sc.edu
Office:	LC 107	**Office Hours:**	MTWThF 12 PM - 1 PM
			(Class Days Only)

Learning outcomes: A student who successfully completes Basic Concepts of Elementary Mathematics I (MATH 221) will learn the concepts behind mathematics in hope that they will then convey those concepts to their students. Topics include: the meaning of numbers, fundamental operations of arithmetic, the structure of the real number system and its subsystems, and elementary number theory.

Textbook: Billstein, Libeskind, Lott, A Problem Solving Approach to Mathematics for Elementary School Teachers (11th Ed), ISBN 978-0-321-75666-4
*You are not required to have a hard copy of the book. See additional required materials.

Additional Required Materials: All homework will be completed using MyMathLab. The access code for MyMathLab comes bundled with a new textbook. However, you may purchase the MyMathLab access with the e-book for a lower price instead.

Course Website: The course website contains a tentative schedule with all associated notes, handouts, announcements, etc. You should bookmark the website and check it every day. It is located at http://people.math.sc.edu/lanema/math221/home.html.

Notes: The notes for each class are posted on the website. These "fill-in" notes are designed to help the class run in an organized manner. They are not a substitute for attendance, but printing them prior to class makes it easy to take notes without spending time copying definitions, word problems, etc.

Grades: Your grade in this course will be based on your performance on MyMathLab and written assignments, quizzes, 3 tests, and a final exam, with the following weights:

Homework:	15%	Tests:	15% $\times 3 = 45\%$
Quizzes:	20%	Final:	20%

Each student's letter grade is assigned as follows (rounded to the nearest percent):

A	$\geq 90\%$	B	80%-86%	C	70%-76%	D	60%-66%
B+	87%-89%	C+	77%-79%	D+	67%-69%	F	$\leq 59\%$

Note: You must score 18/22 on the arithmetic competency exam to receive credit for Math 221. You cannot use a calculator on the competency test. The final day to take the test will be Wednesday, June 24.

Unfair Grading Policy: If you ever feel that a particular grade is unwarranted, return the assignment to me to have your grade reconsidered. I make mistakes and am happy to correct them. I may occasionally ask for some time to consider your case.

Make-up Policy: Make-up assignments may be given if I am contacted in a timely manner and provided a documented excuse. Only emergencies or early notification will be considered. If you know you will be absent in advance, it is your responsibility to contact me before the absence. Whether your absence is excusable will be determined on a case by case basis.

MyMathLab Assignments: The purpose of these is to give immediate feedback and strengthen your ability to solve various problems. The course website contains all registration information. Assignments will be due Wednesday at 11:59 PM for Monday/Tuesday's work, Friday at 11:59 PM for Wednesday/Thursday's work, and Sunday at 11:59 PM for Friday's work. Do assignments on time! You may work up to 3 days late for 75% credit, but this will hurt your grade more than you think if you do it often.

Study Plan on MyMathLab: In addition to your assignments, the Study Plan on My-MathLab is an optional service where you can do plenty of practice problems. This may help you study for quizzes and tests.

Other Homework Assignments:
- Collected assignments will be from the textbook and/or worksheets and must be completed by the next class meeting unless otherwise specified. These will be collected and count towards your homework grade. Late work will be penalized except by the make-up policy.
- Preparation tasks will be given in preparation for the next class and MUST be completed before class. These count towards your homework grade, and they cannot be made up.
- Recommended assignments are for your additional practice. These will not be collected, but problems from these assignments may be used as a basis for quiz problems. If you do not fully understand a concept after completing the related problems in MyMathLab, you will probably do poorly on the quizzes and tests. So, do the recommended homework assignments until you are confident that you understand the material.

Quizzes: At the beginning of each class (except on a test day or otherwise stated), you will be given a short (5-15 minute) quiz with problems based on the homework given since the last quiz. You may use any notes and homework you have written down, but all help materials MUST be your own. In addition, there may be an occasional unannounced quiz, and you may be expected to do these without notes.

Tests: Written tests will be given with the following tentative dates: 6/8, 6/15, and 6/23. Any changes will be announced as soon as possible.

Final Exam: The final exam will be given on Thursday, June 25th at 1:15 PM in the classroom. **Note: This is earlier than the scheduled exam period, but this will allow you to finish the course sooner.** It will be written so as to be taken in 2.5 hours, but you may take up to 3 hours. The final is cumulative, but an exemption may be granted if the following tentative criteria are met. For fairness, no individual circumstances can be considered here.
- 90+ average after all grades are posted (by the numbers alone, will not be rounded)
- 90+ average on every test (I may accept one B, but no more than one and no C's)
- 90+ quiz average and 95+ homework average
- No more than 1 absence
- Completion of at least one final assignment at the end of the course with A quality work

Attendance Policy: By university policy, missing more than 10% (1.5 classes) of the scheduled class sessions, whether excused or unexcused, may result in a grade penalty. In addition, good/perfect attendance will be considered in borderline grade situations. Failure to sign the roll sheet counts as an absence.

Attendance Penalties: If a student misses more than 1.5 classes, their grade will be penalized at one point per absence. If a student is not participating in class (such as sleeping, doing other work, texting, refusing to present a problem to the class, etc.), late to class, or leaving early, they may be counted absent for at least half of that day. Absences can be excused and not counted toward the penalty if documented as specified in the makeup policy.

Blackboard Usage: All grades will be posted on Blackboard, and you can view your grades by going to "My Grades" in our course. In addition, e-mails regarding announcements, important information, late assignments, etc. will be sent through Blackboard periodically. Please ensure that the e-mail listed on your Blackboard account (under personal information) is one that you check regularly.

E-mails: While I will attempt to answer e-mails as quickly as possible, most e-mails will be answered within 24 hours or before the next class session, whichever is later.

Cell Phones: Cell phones should be silenced ("do not disturb" mode for iPhones) and put away during class. This means no texting, no calculator apps, etc. If you are caught using your phone during class, you will be counted absent and possibly asked to leave. When using your phone, you are not paying attention, not learning, and wasting your time being there. If you have a potential emergency and need to have your phone accessible during class, please let me know before class begins.

Calculators: You are welcome and encouraged to bring your calculator to class, and they will be allowed (and possibly needed) on all quizzes or exams unless otherwise stated.

Important Deadlines:

Last day to drop the course with a full refund:	Tuesday, June 2
Last day to withdraw with a "W" instead of "WF":	Friday, June 12

Academic Honesty: Cheating will not be tolerated. You may discuss homework assignments with others, but all work must be your own. Violations of this policy will be dealt with according to University guidelines. The University Honor Code is located at http://www.sc.edu/academicintegrity/. The following list, while not covering everything, will be considered academic dishonesty:
- Using outside materials during a quiz (except as specified above) or test.
- Getting solutions to your homework from another student.
- Taking answers from outside sources, such as the internet. Your books, handouts, and class examples are your best resources.