Course Overview: The main goal of Math 110 is to ensure your preparation for other courses. However, because there may be topics that you only need to review briefly, and others that need more detailed study, we have designed a course where you can choose to take section tests earlier than the scheduled times, hence either completing the course early or allowing more time for those topics that you find challenging. You will use your computer to access online material on the web, including the textbook for the course. It provides tutorial support, illustrative examples and exercises with step-by-step hints and readiness tests with which you can gauge your preparedness for the exams.

Along with traditional lectures, instructors and assistants will be available at many regularly scheduled hours throughout the week for individual and small group work. This help takes place in a facility called the Math Help Center, which is staffed by instructors, graduate assistants, and undergraduate tutors in Phillips Hall. The Math Help Center instructional staff are available for help on lesson topics, practice problems, graded homework, and test review.

Currently all sections of Math 110 are taught using this format. Mr. Mark McCombs is the course coordinator for Math 110.

MATH HELP CENTER HOURS
Location: Phillips Hall 365
Monday – Thursday, 1:00pm – 6:00pm
Friday, 1:00pm – 3:00pm

Lecture Meetings: Students will attend traditional lecture meetings most class meetings each week throughout the semester. Lecture meetings will last 50 minutes and will be devoted to instructors introducing and explaining course topics via specific examples.

Problem Sessions: Schedule permitting, some regular class meetings will take the form of 50-minute problem and review sessions. During these sessions, you will work on a variety of practice problems in a small-group and/or individual setting. Students should bring a calculator, textbook, and all relevant problem worksheets to each problem session. Prior to each problem session meeting, students should read the appropriate lesson notes and sections from your text as per the Math 110 Semester Schedule.

IMPORTANT NOTE: Students should be aware that success in Math 110 requires self-motivation and a willingness to complete assignments each week. There will be ample opportunity for you to get one-on-one or small group help many times each week throughout the semester in the Math Help Center.

Sincerely,
Mark McCombs
Math 110 Coordinator
mccombs@math.unc.edu

Richard Rimanyi
Director of Undergraduate Studies
rimanyi@email.unc.edu
Course Website: http://webcom2.grtxle.com/mathcoach/

Textbook Information: This course uses an online textbook, available via an access code. The access code may be purchased using a credit card at the web address listed above, or in the UNC Textbook store.

Placement: Only students who scored below 520 on the SAT II Math Level IC or II–C test are eligible to receive credit for Math 110. MATH 110 placement carries no credit hours, although students who place into MATH 110 and complete it successfully will earn credit hours towards graduation. If you are not sure about your placement, contact Mark McCombs, mccombs@math.unc.edu.

Math 110 DOES NOT fulfill the Quantitative Reasoning requirement.

Honor Code: It is expected that each student in this class will conduct him or herself within the guidelines of the UNC Honor System. All academic work should be done with the high level of honesty and integrity that this University demands.

Accommodations: If there any special circumstances that will affect your performance in this class, please contact the staff at the Academic Success Program, 919-962-7227, so that we can work together to meet your needs.

Course Description: Math 110 is a college algebra course designed to provide you with the fundamental skills that are necessary for success in all subsequent math courses. Emphasis is given to the study of polynomial, exponential and logarithmic functions, and solving equations and inequalities. The course is divided into four units:

- **Unit I:** Solving Equations: Text Sections 1.1–1.4
- **Unit II:** Solving and Graphing Equations: Text Sections 2.1–2.4
- **Unit III:** Working with Functions: Text Sections 3.1–3.4
- **Unit IV:** Special Functions and Applications: Text Sections 4.1–4.4

Calculator: You will need a basic scientific calculator (i.e. one that will do logarithmic and exponential functions) for this course. Some test and exam problems will be impossible without one. You may use a graphing calculator. However, you will not be allowed to use the graphing or equation solving features on certain quiz, test and final exam problems.

Practice Problems: A set of practice problems (with solution keys) is available online for each lesson. You are expected to complete each of these problem sets. These problems will not be collected or graded, but they are the foundation for the graded tests and the final exam. You are encouraged to work together on these problems.
MATH 110
Course Overview & Syllabus Spring 2014

Graded Homework: You will submit a total of 8 online homework assignments during the semester. These assignments are open-book, open note, and must be submitted on the course website. You may submit each homework assignment only once.

Graded homework deadlines are listed online. Deadlines are deadlines! Do not expect any extensions. Your lowest homework score will be dropped.

Testing Procedures:
1. You will take 4 closed-book, closed-notes, pencil and paper tests. Test deadlines are listed on the Math 110 Semester Schedule. These tests will be proctored.

2. If you choose to take a test before the deadline date, you will take the test in the Math Help Center location in Phillips Hall. These tests will be proctored. You MUST schedule your testing time by emailing Mark McCombs at mccombs@math.unc.edu at least 24 hours in advance. Early testing will only be offered on Tuesdays and Thursdays at 5:30 pm.

3. If you test on the deadline, you will take the test during your class meeting time in Phillips Hall.

4. As with the graded homework, deadlines are deadlines! Since you can always test early, do not expect any extensions. If a test is missed, it will be scored as a zero no matter what the excuse. NO MAKEUPS WILL BE GIVEN

Final Exam: The cumulative final exam is a common exam taken by all sections of Math 110 at the same time. Uniform grading instructions for the final exam, applicable to all sections, allow only minimal partial credit.
You must have an official examination excuse in order to take the Make-up Exam. This excuse must be signed by an academic Dean. You must bring this excuse, along with a picture ID to the exam. ABSOLUTELY NO EXCEPTIONS!

Special Note: Your final exam grade will replace your lowest test grade, provided the final exam grade is higher.

Grading: All grades will be assigned according to a 10-point scale. That is, 90–100 is an A; 80–89 is a B, etc. Your overall average must be greater than or equal to 60% to earn a passing grade for the course.
Your course grade will be determined as follows:

<table>
<thead>
<tr>
<th>HW Avg.:</th>
<th>10%</th>
<th>Test 1:</th>
<th>14%</th>
<th>Test 2:</th>
<th>14%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test 3:</td>
<td>14%</td>
<td>Test 4:</td>
<td>14%</td>
<td>Final Exam:</td>
<td>34%</td>
</tr>
</tbody>
</table>

THERE ARE NO EXTRA CREDIT OPPORTUNITIES IN THIS COURSE.