

MATH 110 Course Overview & Syllabus

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 designed to accompany your text. 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 224.

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

Walk-In Help Hours in PH 224 are as follows:

Monday - Thursday, 4 p.m.–8 p.m.

The Math Help Center instructional staff are available for help on lesson topics, practice problems, graded homework, and test review.

Lecture Meetings: Students will attend traditional lecture meetings on Monday and Friday 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: Students will also attend a 50-minute problem session on Wednesday each week throughout the semester. During these 50-minute weekly 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 weekly session. Prior to each problem session meeting, students should read the appropriate section 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 the Math Help Centers located in Phillips 224.**

Sincerely,
Mark McCombs
Math 110 Coordinator
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Karl Petersen
Director of Undergraduate Studies
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Course Website: <http://webcom2.grtxle.com/mathcoach/>

Text: *Math 110, College Algebra*, by McCombs, 1st Edition
Available in printed form, as well as online on the course website.

Textbook Information:

- (i) Students may use the online textbook by **purchasing an access code for the course website**. Access codes may be purchased online using a credit card at <http://webcom2.grtxle.com/mathcoach/>, or in the UNC Textbook store.
- (ii) Students may purchase a printed textbook in the UNC Textbook store.

The online and printed texts are identical, so you do not need to buy both.

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 (see Placement Verification form). **If you are not sure about your placement, contact Mark McCombs, mcombs@math.unc.edu.**

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.

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 4.1–1.4

Calculator: You will need a basic scientific calculator (i.e. one that will do trigonometric, 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 in your text/workbook 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.

Graded Homework:

1. You will submit a total of 8 online homework assignments during the semester. These assignments are open-book, open note, and can be accessed on the Blackboard 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.
2. **Your final homework average will count for 10% of your course grade.**

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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 mcombs@math.unc.edu at least 24 hours in advance.
Early testing will only be offered on Tuesdays and Thursdays at 6pm.
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:

HW Avg.: 10%	Test 1: 14%	Test 2: 14%
Test 3: 14%	Test 4: 14%	Final Exam: 34%

THERE ARE NO EXTRA CREDIT OPPORTUNITIES IN THIS COURSE.

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.