UNCG Department of Mathematics and Statistics
MAT 150 PRECALCULUS SUMMER SESSION I

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Office Hours (146 Petty): by appointment

Notes. Math 150-01 is a lecture class supplemented with required on-line work. We will meet Monday–Thursday, 10:10–12:10 in NMOR 130. You will have 4 tests and a cumulative final exam. For each section of the text covered, you will have an on-line homework assignment to complete. A score of 80% or better on each homework assignment is required to unlock the next assignment. Frequent quizzes will be given in class or on-line. For each section covered in the course, the CourseCompass website provides video lectures as well as examples and many problems for you to practice.

Textbook. We will use *Precalculus* by Michael Sullivan. The MyMathLab Student Access Kit (CourseCompass access code) is bundled together with certain new textbook packs, available for purchase as a separate card, or can be purchased on-line at
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`http://www.coursecompass.com`.
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An on-line version of the textbook will be available on CourseCompass. You are required to register with CourseCompass for course ID `yasaki88514` using your UNCG email address. Any student that has not registered to CourseCompass by May 30, 2011 may be dropped form the course.

Course Objectives. Upon successful completion of this course, the student will be able to solve a variety of equations (such as linear, quadratic, higher degree polynomial and rational ones) and inequalities. The student will have a knowledge of functions (such as finding domains, zeros, compositions, inverses of those that are one-to-one, and asymptotes) and the graphing of functions and their transformations.

Policies.
(1) Calculator Policy: A graphing calculator (TI-83 or equivalent) is recommended. TI-89, TI-92, or one with similar capabilities will not be allowed on the tests or the final exam.
(2) Attendance Policy: Attendance is mandatory. Two consecutive absences or four total absences during the semester may result in a failing grade.
(3) Academic Integrity Policy: On all graded work (including on-line homework assignments), the UNCG Academic Integrity Policy (`http://academicintegrity.uncg.edu/complete/`) applies.
(4) Copyright Policy: Selling or purchasing notes from classes for commercial gain is a violation of the UNCG Copyright Policy (`http://policy.uncg.edu/copyright/`) Any student who sells notes taken in class for commercial gain, or who purchases notes taken by another student for commercial gain, is in violation of this policy and, by extension, is committing a violation of the Student Code of Conduct (`http://studentconduct.uncg.edu/policy/code/`).
(5) Email: All email correspondence should be made using your UNCG email account. You must check your email regularly for updates and announcements.

(6) Questions: Math questions and general course questions should be posted in the Discussion Board on CourseCompass rather than via direct email so that all the students can benefit from the responses.

Grades. Grades will come from homework (15%) quizzes (10%), four in-class tests (10% each), and the final exam (30%). The following grade scale will be used:

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\begin{array}{lll}
\text{A+} : 98\text{--}100 & \text{A} : 93\text{--}97 & \text{A--} : 90\text{--}92 \\
\text{B+} : 87\text{--}89 & \text{B} : 83\text{--}86 & \text{B--} : 80\text{--}82 \\
\text{C+} : 77\text{--}79 & \text{C} : 73\text{--}76 & \text{C--} : 70\text{--}72 \\
\text{D+} : 67\text{--}69 & \text{D} : 63\text{--}66 & \text{D--} : 60\text{--}62 \\
\text{F} \ \ : 0\text{--}59 & &
\end{array}
$$

(1) **Homework**: (15%) Homework is going to be administered on-line through Course-Compass. Your lowest homework grade will be dropped to account for any unforeseen emergencies (illness, internet failure, etc). The tentative due dates are given below. Note that a score of 80% is required on each assignment to unlock the next assignment.

(2) **Quizzes**: (10%) We will have short quizzes during class. No make-up quizzes will be given.

(3) **Tests**: (45%) There will be four in-class tests. If you miss a test, you will receive score of zero on that test. The tentative test dates are given below.

(4) **Final exam**: (30%) There will be a cumulative final exam on Friday, June 24. If you miss the final, you will receive a score of zero on the final.

Tentative schedule.

Date	Assignment Due
T 5/24	Algebra review
W 5/25	1.1 - 1.4
F 5/27	2.1 - 2.2
M 5/30	Test 1
W 6/01	2.3 - 2.4
F 6/03	2.5 - 2.6
M 6/06	Test 2
W 6/08	3.1 - 3.4
F 6/10	3.5
M 6/13	Test 3
W 6/15	4.1 - 4.2
F 6/17	4.3 - 4.4
M 6/20	4.5 - 4.6
W 6/22	Test 4
W 6/22	5.1
R 6/23	5.2
F 6/24	Final exam