

MATH 1113

Precalculus

Instructor: Lori Watson

Class: MWF 12:20 - 1:10pm (Conner Hall 212)

Office: Boyd 427J

Office Hours: M 10:00am - 12:00pm; T 1:00 - 2:00pm

E-mail: watson@math.edu

Course Outline/Objectives

This course is designed to prepare students for calculus. During this course, students will complete an algebra review and will study functions and models in detail. Special attention will be paid to the study of specific functions including powers, exponentials, logarithms, rational functions, and trigonometric functions. By the end of this course, students will be able to demonstrate understanding of each of these functions. In addition, successful students will be able to model functions and apply the models to concrete settings. A complete course description as well as a list of suggested text exercises can be found on the course webpage.

Textbook and Materials

Textbook: Swokowski/Cole, *Precalculus: Functions and Graphs*, 11th ed, Cengage Publishing

WebAssign: Tests, homework, and WebQuizzes are administered using WebAssign. Students will need to purchase an access code within the first two weeks of class. You can register at www.webassign.net. The class key for this section is **uga 0487 5228**.

When you register, it is best to use your UGA MyID as your login name and your UGA MyID password as your WebAssign password. Please also enter your student ID number (810) in the appropriate field. You will use this same login/password combination to register for your exams. It is helpful for me if you will also register using your full name as listed on the class roll provided by the Registrar's Office.

Calculators: You will be allowed the use of a Virtual TI-83 during the proctored exams. For this reason it is strongly recommended that you also use a TI-83 or 84 during class. You will NOT be allowed the use of your personal calculator during an exam.

Course website: <http://www.math.uga.edu/1113>

Assignments

Homework and Web Quizzes will be completed and submitted online using WebAssign. For homework, you will be granted three chances to receive full credit for a question. From the fourth attempt on, you will receive 90% credit for a correct solution. Extensions to homework will only be granted for documented medical emergencies. For complete information on the WebQuizzes, visit http://www.math.uga.edu/1113/test_homework.

In-Class Quizzes will be administered weekly; make-ups are not allowed under any circumstance, but in light of this policy the lowest two quiz scores will be dropped.

Exams and Quizzes Exams will be administered (on a computer) in Boyd 220 or 324. Our class is in test group 2.

Important: Please be aware that internet-capable devices (including smart watches) cannot be worn during tests.

Grading Criteria

Final grades will be determined based on the following:

Homework	3%
In-class Quizzes	7%
WebQuizzes	5%
Tests 1-5	12%
Final exam	25%

Grading Scale The following grading scale will apply:

92 – 100 **A**, 89 – 91 **A-**, 87 – 88 **B+**, 82 – 86 **B**, 79 – 81 **B-**, 77 – 78 **C+**, 72 – 76 **C**, 69 – 71 **C-**, 60 – 68 **D**, below 60 **F**.

Class Policies

General: I'm here to help you learn, and I can do that best when we all come to class engaged and ready to work. Feel free to ask questions and discuss (relevant) topics during class. Most importantly, please remember to respect your fellow students and your instructor.

Attendance: You are expected to attend each class. A student with more than three unexcused absences may be automatically withdrawn from the course with a grade of WP or WF before the midpoint, or an F after the midpoint. Excused absences are for emergencies and sanctioned university events; documentation may be required. If you know in advance you will be gone, you should notify me. Examples of *unexcused* absences include routine appointments, academic advising, driving a friend whose car broke down, etc. Please come to class on time to avoid disrupting the lecture.

Technology: The only electronic device you should have out during class time is a calculator (optional). Cell phones, iPods and other electronic devices must be turned off and put away during class. Laptops may only be used during the first few minutes of class, and only for the purpose of asking questions from WebAssign. They are not allowed during the lecture.

Make-up Exams: Make-up exams will be given only in the case of unavoidable absences. Documentation proving a legitimate reason for absence is required; there are no exceptions. If you miss an exam, please contact me as soon as possible.

Academic Accommodation

Students in need of academic accommodation should contact the Disability Resource Center. It is the responsibility of students with disabilities verified by the university to notify the instructor in advance for any needs to be accommodated. Please set up an appointment to speak with me BEFORE any graded aspect of the course arises. More information is available at <http://drc.uga.edu>.

Academic Honesty

As a University of Georgia student, you have agreed to abide by the University's academic honesty policy, A Culture of Honesty, and the Student Honor Code. All academic work must meet the standards described in A Culture of Honesty found at <http://www.uga.edu/honesty>. Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor. Seriously - if you have questions about class policy, see me as soon as possible so you can avoid violating the academic honesty policy.

Disclaimer

This course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary. It is the responsibility of the student to seek clarification of the grading policy and/or course requirements and procedures from the instructor.