

Math 1113 – Fall 2009 Pre-Calculus (Section: 54-406)

Instructor: Rebecca Gaff
Office: Boyd 427D
Email: rgaff1@uga.edu
Office Phone: 706.542.2619

Class: MWF 3:35-4:25, Hardman 102
Office Hours: Tues./Thurs.-11:15-12:15
Wed.-2:30-3:30

Textbook and Materials

Textbook: Swokowski/Cole, *Precalculus: Functions and Graphs*, UGA Edition, Thomson. ISBN-10: 1-4240-8241-2 or ISBN-13: 978-104240-8241-4. (This is the UGA edition, but you may purchase the 11th edition of the entire text, ISBN-10: 0495108375 or ISBN-13: 9780495108375)

WEBASSIGN: Your class key: uga 5329 0157. Access code: Provided when buying a new book. If you buy a used copy you'll need to buy an access code for \$35 when you sign up.

Calculators: The TI 83/84 model calculators are strongly recommended. They will be allowed on some quizzes. At exams, a calculator will be available on the PC.

Useful Websites

WebAssign Login: <http://www.webassign.net>

University's 1113 page: <http://www.math.uga.edu/116/1113home.htm>

Instructor's Course page: www.math.uga.edu/~rgaff/courses.html

Tutoring Links: http://www.math.uga.edu/undergraduate/student_services.html
<http://www.math.uga.edu/dae/>

Overview

This course is designed to prepare a student for calculus. It is the culmination of the study of function prior to calculus. The successful student will complete an algebra review, a detailed study of functions and models, and study of specific functions including powers, exponentials, logarithms, rational functions, and trigonometric functions; and demonstrate understanding of each. This study includes solving equations involving the relevant functions. In addition, a successful student will be able to model functions and apply the models to concrete settings. The complete content list can be found on the web: <http://www.math.uga.edu/undergraduate/1113.pdf> See the appended list of suggested homework problems to see the sections of Swokowski/Cole we will cover.

Course Outline and Grades

There will be five regular tests.

Dates of examinations:

September 8th
September 24th
October 3rd 12th
October 29th
November 19th

As well as a cumulative final exam: December 14th 3:30-6:30PM

In addition, there will be regular homework assignments, random quizzes, and extra credit opportunities. The grade distribution is as follows:

- Non-final tests: 12% each (total of 60%)
- Cumulative final exam: 25%
- Web quizzes: 5%
- In class quizzes: 5%
- Homework: 5%

All tests are taken on computer in Boyd GSRC rooms 220 and 324. Tests are taken outside of class time during the hours 9 a.m. - 10 p.m., no admittance after 10 p.m. A picture ID is required to take each test. Each student must go to the Math 1113 website to register for a time to take each test. Make-up tests will be given only in the case of unavoidable absences (usually illness), with written documentation. It is the responsibility of the student to contact me as soon as possible and definitely before the next attended class meeting to make appropriate arrangements for making up any missed test. In order to make-up the final exam, documentation must be provided.

There are 11 WebQuiz assignments and I will drop the 3 lowest scores. There are 5 tests, and your final exam score will replace the lowest test score (if higher). I will make these changes at the end of the term. The letter grade will be assigned according to the following:

A = 100 – 92	A- = 91 – 89	B+ = 88 – 87	B = 86 – 82	B- = 81 – 79
C+ = 78 – 77	C = 76 – 72	C- = 71 – 69	D = 68 – 60	F = 59 – 0

Attendance

Students are allowed no more than 3 unexcused absences. On the fourth unexcused absence, a student may be withdrawn from the course with a grade of WP or WF (definitely WF after midpoint). Do not regard these 3 allowed absences as "personal free days". These are only to be used in cases of personal or family emergencies. In some cases, verification may be required.

Class Conduct/ Notes

Class atmosphere will be relaxed. Just a few guidelines to make sure:

- Turn off all cell phones or don't even bring them. Laptops have no place in this classroom.
- If you cannot make it to class for whatever reason, make sure that you know what happened during the lecture that you missed. It is your responsibility, and nobody else's, to do so. Either contact another student or the instructor as soon as possible.
- If you have to leave class early, inform your instructor in advance. It is very rude to simply walk out in the middle of a lecture.
- If you make an appointment with your instructor, keep it, or at least notify your instructor a.s.a.p. that you cannot make it. You would also do this for your physician, plumber or car mechanic. Your instructor deserves the same respect.
- Office hours are a time when I guarantee to be in my office to answer questions students may have on class material, homework, and quizzes. It is strongly encouraged that students attend office hours if they have any confusion on course material.

Academic Accommodation

Students in need of academic accommodation should contact the Disability Resource Center. <http://www.drc.uga.edu/about/welcomeletter.php>

Academic Honesty Policy

All academic work must meet the standards contained in A Culture of Honesty. Students are responsible for informing themselves about those standards before performing any academic work. Please refer to the university's policy at http://www.uga.edu/honesty/ahpd/culture_honesty.htm. The penalties for academic dishonesty are severe, and ignorance is not an acceptable defense.

Note: This syllabus provides general guidelines for the course and is subject to changes deemed necessary by the instructor or the department.