Functions & Graphs

MA 114
Fall 2002

Instructor: Thomas P. Kelliher
Hoffberger 140
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Office hours: MWF 10:30–11:20am. Th 1:00–3:00pm. Other times available by appointment.

Class: Hoffberger 134, MWThF 11:30am–12:20pm.
Class home page: http://phoenix.goucher.edu/~kelliher/f2002/ma114/

Objectives: Our objectives are to deepen our knowledge of mathematics and to further develop our mathematical problem solving and communication skills. We will emphasize applications of the principles we learn. Graphing calculators will be used as a visualization aid.

Expectations: Students from the class of 2005 and up are required to take the online Mathematics Placement Examination (http://phoenix.goucher.edu/mathplacement/) prior to taking this course. Any such student who has not taken the exam by the second day of class will be dropped from the course. All other students are strongly encouraged to take the exam to ensure proper placement into a Mathematics course.

This precalculus course will require two to three hours of work outside class for every hour of class, assuming you are proficient in high school algebra. If your algebra skills are weak, expect to spend even more time working outside of class. Math Lab, similar to an SI and run through ACE, is available to assist you.

2. You need a graphing calculator: TI-82, TI-83, or TI-83+. Bring it to class with you each day along with your textbook.

Grading: Grade Distribution
A = [92–100], A- = [90–92), B+ = [88–90), B = [82–88), B- = [80–82), etc.

Course Point Distribution
The following is tentative. There are approximately 850 total points for the course:

1. Online quizzes. These will be conducted before each class, starting Sept. 4. They will be based upon the assigned reading and will be due 1 hour before class starts. Each quiz will be worth two points.
2. Class attendance. Two points each day, starting Sept. 4. You are granted three missed classes.

3. Homework. Several homework problems will be assigned on Mondays and Thursdays, starting Sept. 5. Assignments will be due in class the second class following their announcement. You are granted one missed assignment. Late assignments will not be accepted. Eight points for each assignment.

4. Semester Exams. There will be four exams, on the following dates: Sept. 19, Oct. 10 and 31, and Nov. 21. Each exam is worth 100 points. If you need to re-schedule an exam, it is your responsibility to let me know a few days beforehand.

5. Final — There will be a cumulative final, scheduled by SAS. The final is worth 200 points.

Current grades (password protected) may be viewed on the class home page.

Course Handouts:
Course handouts will be made available once in class. After that, they may be obtained from the class home page. Assigned readings and homework problems are also listed on the home page.

Attendance: Attendance of classes is expected and is a part of your grade. It is your responsibility to catch up on missed class work. You are allowed three unexplained absences.

Electronic Communication:
From time-to-time, I will need to send e-mail messages to the class. These messages will be addressed to your official Goucher e-mail addresses. You are responsible for checking your Goucher e-mail on a timely basis.

Distractions: Cell phones must be turned off or set to “silent” during class. If you must enter late, do so as unobtrusively as possible. Likewise if you must leave early. Please use mental telepathy if you must hold a personal conference during class. I have ways of making you not talk!

Integrity: Academic dishonesty will not be tolerated. We are all bound by the Academic Honor Code.