**Syllabus for Math 111 Fall 2003**

**Prerequisite:** Students in math 111 need a strong understanding of all concepts covered in math 101 or an equivalent algebra course. An excellent command of algebra is assumed throughout this course

**Instructor:** Alix Botts

**Instructor contact info:** Please feel free to e-mail me or come to my office with calculus questions.

**e-mail:** quistis@ku.edu
**Office:** 303 Snow
**Office hours:** TBA Of course, you are welcome to make an appointment, preferably by e-mail. I am also willing to answer questions by e-mail.

**Text:** Mathematics with Applications by Margaret L. Lial and Thomas W. Hungerford, 8th ed. Note: An older addition of the text will not suffice! This text has undergone radical changes in this addition.

**Webpage:** www.geocities.com/alixbotts

**Caveats:** This class moves quickly, and there will be little time for review. Students who have not taken the prerequisite course recently will need to review skills from algebra outside of class. Of course, I am available to help students outside of class with review material as well as 111 materials.

As in most college courses, reading and understanding the assigned sections in the text is vital to your success, as is working all assigned or suggested problems. Lecture time will be used to highlight important concepts and work representative problems, but *not all course material will be presented in lecture.*

Note that your questions about lecture or text material are always welcome in class. I encourage you to read the sections and work the problems in a timely fashion so that we can spend class time discussing topics students find most difficult.

**Schedule and Content:** see class schedules on web page

**Grading criteria and procedures:**

**Exams (in class):**

All exams, except the comprehensive final, will be given in the regular classroom during the usual class time.

I will not give make up exams. If you miss an in class exam for an extremely compelling and documentable reason (such as serious personal illness or injury), your score on the final will be counted as your score for that exam.

Exams will be weighted as follows:

**Exam I:** 15%
**Exam II:** 15%
**Exam III:**15%

**Comprehensive final exam:**

The comprehensive final exam will be given during your scheduled final exam period, and will be multiple choice. The final will be weighted 20% of your overall grade.

**Quizzes:** Quizzes will be given at the beginning of each class unless otherwise specified. During the quiz, you may look at any notes you have taken, or any problems you have worked. You may not use any textbook. I will allow you to use your calculator on some but not all quizzes. Quiz questions will be similar to assigned or suggested problems from the book, or examples worked in lecture. No make up quizzes will be given. Your lowest two quiz grades will be dropped in the calculation of your overall quiz score. Quizzes will be weighted 25% of your overall grade.

**Homework:** Homework assignments will be posted on the web page. It is vital to your success in this course that you work all assigned problems. You will probably find it helpful to work additional problems from the text. Keep your homework in a neat and organized format for your own study, and for reference during quizzes. At the end of the semester, you may turn in your homework notebook. If your grade falls on a borderline, and your homework is mostly complete, well-presented, and correct, you will be bumped up to the higher grade. If your grade does not fall on what I consider to be a borderline, turning in a homework notebook will not effect your grade.

**In class problem sets:** Occasionally, you will work problems in class in groups. You will be graded on your participation in these activities. In class problem solving activities will count as 10% of your overall grade.

**Calculators:** A TI-83 is recommended for this course. You may be required to use a graphing calculator on some exams, quizzes, or homework problems. No calculators with symbolic manipulation capabilities are allowed on exams or quizzes. This policy includes the TI-92 and TI-89. If you are not sure whether or not your calculator has symbolic manipulation capabilities, come ask me. Any attempt to use a calculator with symbolic manipulation capabilities (or a palm pilot or other handheld computer) on an exam or quiz will be construed as academic dishonesty.

**Web page:**
No in class handouts will be handed out in class ☺ Instead, homework assignments and other class information will be posted on the web page. You will need Adobe Acrobat reader to view course materials. The program is a free download, and there is a link on the web page where you can download it.

**Disclaimers:**

Any student who plans to observe a religious holiday that conflicts with the requirements of this course should come see me as soon as possible to discuss accommodations.

Any student with a disability that may prevent accurate assessment of his or her performance in this course should come see me immediately to discuss accommodations.

I reserve the right to modify the schedules, procedures, and grading criteria announced in the syllabus and any other written course materials. Any such changes will be announced in class. It is your responsibility to keep informed of such changes.

It is your responsibility to be informed of the university's academic dishonesty policy, which will be strictly enforced in this class.