

Syllabus
Mathematics 3100, Sequences and Series
74th period: 11:00-12:15pm, Tuesday and Thursday
Fall 2004
Professor: Elham Izadi

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Book: Course Notes: *MATH 3100, Sequences and Series, An Introduction to Mathematical Analysis*, can be obtained from the Baxter Street Bookstore at 360 Baxter Street (549-3081), price: \$10.25.

Office hours: Monday 10:00-11:00 am, Tuesday 3:00-4:00 pm, Wednesday 11:00-12:00 pm.
Please come to office hours if you have any questions or concerns.

Tutorial services (free): Milledge Hall, behind Memorial hall. 50 minute sessions by appointment. Call 542-7575.

Private tutors: You can obtain a list of tutors approved by the Mathematics Department in the Main Office of the Mathematics Department, room 452 Boyd GSRC.

Pre-requisite: The prerequisite for this course is MATH 2210 or Math 2310H or Math 2410H. All students are required to have a working knowledge of the material of one of these three courses.

Tests: There will be three midterms in class.

- (1) Thursday September 9,
- (2) Thursday October 7,
- (3) Thursday November 11.

A missed test cannot be made up except with a valid documented excuse.

To prepare for tests, it is recommended to review the material covered in the lectures, to read the relevant sections of the book, redo the previous homework assignments and work out extra problems from the relevant sections of the book. You are encouraged to work together and explain the material to each other when preparing for tests.

Solutions to the tests: After each test (including the final exam), a complete set of solutions to the test will be posted outside my office.

Grading: • Homework: 30%

- Tests: 30%
- Final Exam: 30%
- Participation and effort: 10%

The Final Exam is cumulative and covers all the material in the course. It will slightly emphasize the part of the course after the third midterm.

Homework: Homework will be assigned in class and due dates announced upon assignment.

You are encouraged to work with other students outside class time on the course material and the homework assignments. Most people work better discussing new material with other people and building on each other's ideas. Sometimes there is a temptation, when

working with others, for each to do one part of the problem and not really look at what the other people did. This is not a good idea, since you need to understand all of the material. So please work with others and use the experience to learn from each other and bounce ideas off each other.

It is expected that you write your final solutions to homework problems independently.

To boost your performance in the course, it is very important that you review the material of each lecture before the next lecture. When past material is fresh in your mind, you will be much more receptive to new material, will understand and absorb it better. In general, the more you review the better off you are. This is true for all disciplines but especially for mathematics since often one needs time to “assimilate” new material. This means that often, it is difficult to grasp the full meaning of a new mathematical concept right at the start. By periodically going back to that concept, you will have a better and better understanding of it and its consequences. You will know how to better use it.

Academic honesty: The University of Georgia suggests that the following be included in all syllabi. “All students are responsible for maintaining the highest standards of honesty and integrity in every phase of their academic careers. The penalties for academic dishonesty are severe and ignorance is not an acceptable defense.”

The University’s academic honesty policy can be consulted on the world wide web at http://www.uga.edu/ovpi/academic_honesty/academic_honesty.htm
Sections 5 and 7 are of special importance.

During the tests and quizzes for this course, the use of any kind of student-to-student assistance, any table or list of formulae, numbers, theorems or mathematical statements, any unapproved calculator, computer or electronic device is prohibited and would constitute a violation of the University academic honesty policy.

Statement: The course syllabus provides a general plan for the course; deviations may be necessary.