Eastern Connecticut State University
MAT 421, Real Analysis II, Spring 2006

Instructor: Christian Yankov

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Time and Place: MWF 11:00-11:50 am, Webb Hall 317

Text: *Analysis with an Introduction to Proof*, Fourth edition, Steven R. Lay.

Office hours: **MF** 10:00-11:00 am, **W** 10:00-11:00 am **and** 3:00-5:00 pm.

Prerequisites: MAT 420.

Course topics: Limits, continuity and uniform continuity of functions; differentiation and integration of functions; infinite number series; sequences and series of functions.

Class format: Each class meeting will consist of a lecture and include related problem solving.

Attendance: It is expected that you be there on time for each and every class. If for some reason you should miss a class, then it is your responsibility to find out from a friend what has been covered and assigned and make it up.

Homework: Homework should be written neatly on standard letter format paper on one side of the sheet only. By now I believe you understand the importance of doing the homework as a critical factor in building and reinforcing your knowledge, as well as helping you identify your week points and also as a valuable source of in-class discussion.

Binder: As in the fall semester, you must collect all your homework assignments in a binder. Put a separator to mark the end of the fall assignments and start adding the spring ones. At the end of the semester you should have a complete set of these for both semesters. This is a requirement to pass.

Quizzes: Quite often at the beginning of class time there will be a short quiz. This should keep you alert and following the material regularly, carefully, and closely.

Exams: There will be a midterm exam the date of which will be announced at least a week in advance.

Make-ups: There will be no make-ups for quizzes, since I will drop the lowest one. Make-ups for the midterm exam are strongly discouraged and might be allowed for truly exceptional reasons only, and with my prior permission.

Final Exam: A cumulative final exam will take place on Wednesday, May 17, 2006, 12:30-2:30 pm. It may be replaced by a take-home final.

Evaluation: Your work in this course will be weighted roughly as follows. The quizzes will account for 20% of your grade, the homework will account for 25%, the midterm exam will account for 25% and the final exam will account for the remaining 30%.

Grades: The ranges for the grades are the following:

A-, A	90% and above
B-, B, B+	80% - 89%
C-, C, C+	70% - 79%
D, D+	60% - 69%

How to get help: You are encouraged to come see me during office hours, if you have difficulties with the subject matter.

Inclement weather: For cancellation of classes due to bad weather follow the messages on the university weather hot line at (860) 465-4444, or 1-800-578-1449.

Students with disabilities: If you are a student with a disability and believe you will need accommodations for this class, it is your responsibility to contact the Office of AccessAbility Services at (860) 465-5573. To avoid any delay in the receipt of accommodations, you should contact the Office of AccessAbility Services as soon as possible. Please understand that I cannot provide accommodations based upon disability until I have received an accommodation letter from the Office of AccessAbility Services. Your cooperation is appreciated.