Schedule: Where and When: ILB 465 MW 16:30-17:45
Instructor: Prof. Scott Carter, ILB 308, 460-6264, x66756, e-mail: carter@southalabama.edu
You may address me as Dr. Carter, Professor Carter, Professor Zap, or DC.
Relevant URLs: The urls that are listed below correspond respectively to (1) Course materials, (2) my youtube channel, (3) The University’s final exam schedule, (4) The University’s academic conduct and disruption policy. Keep these handy.

http://www.southalabama.edu/mathstat/personal_pages/carter/classes.html
http://www.youtube.com/ProfessorElvisZap
http://www.southalabama.edu/registrar/dates.htm#final
http://www.southalabama.edu/lowdown/

The dangers of social media: I will create a facebook page for this course. You should register for this page and use the page to get help from your peers and from me. I’ll post contemporaneous videos that either enhance, duplicate, or supplement the existing lecture. If several of you come by my office hours for specific questions, we can film the videos (with you off camera), and post them for everyone. They will always be posted at youtube.

Office Hours: MF 10:00-11:00AM, TuTu 2:30-4PM or by appointment.
Grading Policies: I’ll grade selected homework problems, and watch you present solutions in class. There will be two tests and a final. I expect test questions to cover the basic definitions, statements of theorems in the book, and the homework problems that I have assigned. Learn everything. I encourage you to learn to write your homework solutions in \LaTeX. I’ll provide some help for this. Mathematicians are expected to write using some flavor of \TeX.
Tests: There will be 2 tests: Wednesday Oct. 1 and Monday Nov 3. Each counts at least 100 points. Make-up exams will be an extreme rarity and subject to my discretion. The final exam will be held, 18:00 –20:00, Monday, December 8.
Absences: Do not miss class. Arrive to class on time. Come to class prepared: each night read the previous section and the current section. Attempt all homework problems.
Learning Objectives for the Course: Upon successful completion of the course a student will:

1. know all the definitions of the course;
2. be able to prove theorems, derive corollaries, and construct examples and counter-examples;
3. have a deep understanding of the notions of sequences, continuity and differentiability;
4. understand the axiomatics of mathematical induction and the notion of the real numbers;
5. write mathematics clearly.

Other Remarks:

Special Students: If you have a specific disability that qualifies you for academic accommodations, please notify the instructor/professor and provide certification from Special Student Services. (OSSS is located in Room 270 of the Student Center (460-7212).
Counseling and Testing Services Counseling and Testing Services provides a variety of free and confidential services for students. For further information regarding this resource go to www.southalabama.edu/counseling or call the office at 460-7051.

Disclaimer: The requirements and policies may be modified as circumstances dictate. Such changes will be provided to the students in class and in writing.

Dropping The final drop date is Friday, October 24, 2014 4:59 PM. Please speak to me if you are getting behind. Also talk to me before making a final decision to drop.

Homework Schedule: An outline of the course vis-a-vis through the assigned homework problems is attached. An e-copy will be posted at my webpage.

The first 4 classes: I have asked Dr. Pillen to distribute this syllabus to you on the first day. The first day that I’ll meet the class will be Sept. 3. At that time, we’ll figure out a way to make up for the lost time. Meanwhile, watch the videos that I posted for the course. I’ll email you with links. And come in prepared with questions. Don’t neglect to read the book.