Schedule MW2:30-3:45 ILB 465
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. Do not refer to me as, “Ah hey.”
Course Materials will be posted here:

http://www.southalabama.edu/mathstat/personal_pages/carter/classes.html

Office Hours: MTuWF 10:30AM-11:45 AM, Fri 3PM-4:15 except on days on which I travel. Please feel free to make an appointment for another time if needed. If I am in the office and not involved in something with an urgent deadline, I am happy to talk with you about mathematics. If I am in the office, it is early afternoon, and the door is closed, then I am having a cat nap. Don’t knock!

Lectures on new material will sometimes be posted at

http://www.youtube.com/ProfessorElvisZap

in the Topology play list. Volunteer video operators are needed. The plan is to create a sequence of 10 minute lectures that closely follow the book and/or the sections that I cover in class. Also, I will be taking photos of the blackboards as I present materials and posting these on the classes web site. Don’t be absent though. Mathematical communication involves at least 3 spacial and one temporal dimension. The final result of that may be summarized on the board, but information will be lost.

Grading Policies: All points earned are positive points. A large portion of the credit will be a result of your performance on homework. In a course such as this, it is natural and desirable to work with classmates on homework. Still, when you turn in your homework, I want you to understand that which you wrote. So I will be testing you by asking you to go to the board. Sometimes you will present sections to the class. Be aware I routinely check the r/mathhomework forum on reddit, and math.stackexchange. If you need help, ask me, another faculty member, or your classmates. But understand the solution before you hand it in!

Tests: There will be 2 tests: Friday, Sept. 25, 2015 and Friday, November 13, 2015. Each counts at least 100 points. Make-up exams will be an extreme rarity and subject to my discretion.

Final Exams The final will count at least 150 points. The official final exam schedule is found here:

http://www.southalabama.edu/registrar/dates.htm

The final exam will be held, 3:30PM - 5:30PM Monday, December 7. This is Pearl Harbor Day. Don’t go down in infamy.

Absences: Absent students lose privileges. Don’t be absent.

Goals for the Course: Upon successful completion of the course a student will: (1) be able to prove theorems using the standard compactness argument; (2) be able to distinguish standard
topological spaces by using connected and separation properties; (3) be able to prove the classification theorem for surfaces and to apply the theorem; (4) be able recognize standard topological spaces; (5) be able to drink from a coffee cup, be able to eat a doughnut or bagel and be able to tell why they are the same thing.

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).

**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 October 23, 4:59 PM. Please speak to me if you are getting behind. Also talk to me before making a final decision to drop.

**Academic Conduct and Disruption.** See

http://www.southalabama.edu/lowdown/policies.shtml