

Math 4703
Section: 001

Introduction to Point-Set Topology
MWF 11:50 – 12:40
GRAD 113

Fall 2018
Prof. Matthew Clay

Office: SCEN 326

Email: mattclay@uark.edu

Phone: 575-5195

Course Website: <http://mattclay.hosted.uark.edu/Teaching>

Office Hours: Monday: 1:00 – 2:00, Tuesday: 9:00 – 10:00 and Friday: 1:00 – 2:00

If you are unable to use any of the above times, please make an appointment to see me.

Text: *Notes on Introductory Point-Set Topology* by Allen Hatcher

Prerequisites: MATH 4513

Goals: This course is an introduction to the tools and techniques of topology. We will study the basic elements of point-set topology (continuity, connectedness and compactness), product and quotient spaces.

Academic Honesty Policy: As a core part of its mission, the University of Arkansas provides students with the opportunity to further their educational goals through programs of study and research in an environment that promotes freedom of inquiry and academic responsibility. Accomplishing this mission is only possible when intellectual honesty and individual integrity prevail. Each University of Arkansas student is required to be familiar with and abide by the University's "Academic Integrity Policy" which may be found at <http://honesty.uark.edu>. Students with questions about how these policies apply to a particular course or assignment should immediately contact their instructor.

Homework: Homework is assigned and collected weekly. Problems will be posted on Blackboard.

Exams: There will be three in class exams (Monday, September 17, Friday, October 12 and Friday, November 9) and a final exam on Wednesday, December 12 at 12:45 – 2:45 PM. A make-up for an exam will not be given without a compelling reason and my *prior consent*. *You must inform me before the exam* if you are to miss it due to illness, University related activity or religious holiday. You must inform me either through a phone call or in person.

Course Grade:

- Participation - 4%
- Homework - 28%
- Exam 1 (Monday, September 17) - 16%
- Exam 2 (Friday, October 12) - 16%
- Exam 3 (Friday, November 9) - 16%
- Final (Wednesday, December 12, 12:45 – 2:45 PM) - 20%

Letter grades: A : 100 – 90; B : 89 – 80; C : 79 – 70; D : 69 – 60; F : 59 – 0

Important Dates

Monday, August 20	Classes Start
Friday, August 31	Last day to drop without W
Monday, September 3	Labor Day
Monday, September 17	In class exam 1 (16% of grade)
Friday, October 12	In class exam 2 (16% of grade)
Monday, October 15 – Tuesday, October 16	Fall Break
Friday, November 9	In class exam 3 (16% of grade)
Friday, November 16	Last day to drop with W
Wednesday, November 21 – Friday, November 23	Thanksgiving Holiday
Thursday, December 6	Last day of classes
Wednesday, December 12	Final Exam (12:45 – 2:45 PM) (20% of grade)

See <http://registrar.uark.edu> for the complete academic calendar and final exam schedule.

Special Accommodation: Students who are registered with the Center for Educational Access must notify the instructor in writing by the end of the first week of class, or within one week of registering with CEA.

Inclement Weather Policy: Class will be held if the University is officially open. Allowances will be made if you are unable to safely reach the campus, but, bravely, class will go on! Do not call the Math office for inclement weather information. Instead, you should call the following telephone number: 575-7000.

Disclaimer: Information on this syllabus is subject to change. Any change will be announced in lecture.