

Math 320 – Introductory Topology – Spring 2021

Instructor: Dr. Marc Ordower
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Office hours: Monday 11:00 - 11:50
Tuesday 10:50 - 11:30
Wednesday 11:00 - 11:50
Thursday 10:50 - 11:30
Friday 11:00 - 11:20
And by appointment

Text: There is no textbook for this course

Catalog Description: An introduction to point-set topology, including topological spaces, metric spaces, homotopy, the Urysohn lemma, and Tychonoff's theorem. Students explore topology as the underpinning of modern geometry.

Course Objectives: The student will develop an appreciation of the set approach to topology, and to the relationship between the subjects of topology, analysis, and geometry.

Help: I urge you to ask questions in class. In so doing, you will help yourself and your classmates. I also hope to see many of you at office hours over the course of the term. Don't forget that you can make an appointment if you can't make my regularly scheduled office hours.

Web Page: Homework assignments, review sheets, and general course information will be posted on my web site.

<http://faculty.randolphcollege.edu/mordower/math320/>

Grading: Your grade will be determined according to the following scheme.

Midterm I	Midterm II	Homework	Final Exam
20%	20 %	30%	30%

Midterms: The tentative dates for the midterm exams are as follows:

Midterm Exam I - Wednesday, February 20
Midterm Exam II - Wednesday, March 17

Electronics Policy: Because of the unusual circumstances, I will have a radically different electronics policy this semester. You may always use a calculator, though you may not use the calculator to produce a graph. You may use a calculator app on your phone as a calculator, even during exams. You MAY talk to **your classmates** during class on a chat app. You MAY NOT communicate with people not in the class during class, and you may not communicate with anyone except me nor consult with any other resources while you are taking an exam.

Calculators may be used for homework and during exams, but I'm not sure how they might be of use to you.

Accommodations Randolph College is committed to providing learning experiences that are accessible for all students, and will make reasonable accommodations for individuals with documented disabilities. If you have a learning difference or a disability mental health, medical, or physical impairment please contact Diane Roy, Coordinator of Access Services, in the Academic Services Center, 4th floor, Lipscomb Library; at (434) 947-8132; or at droy@randolphcollege.edu.

Mandated Reporting: As an instructor, one of my responsibilities is to help create a safe learning environment on our campus. I also have a mandatory reporting responsibility related to my role as a faculty member. It is my goal that you feel able to share information related to your life experiences in classroom discussions, in your written work, and in our one-on-one meetings. I will seek to keep information you share private to the greatest extent possible. However, I am required to share information regarding sexual misconduct or information about a crime that may have occurred on Randolph's campus with the Colleges Title IX Coordinator, Sharon Saunders. I do this to make sure that you are able to get all the information and support you may need. **However...**

I am also a Campus Advocate. You may share information with me or any other Campus Advocate in order to get support and/or advice with the expectation that your information will be held in confidence. That is, as a Campus Advocate, I am not required to report information you share with me. If you wish to speak to me in my role as Campus Advocate, please inform me **before** sharing any information.

Academic Honesty: The honor code protects our academic community and the value of a degree from Randolph College. An instance of cheating not only reflects the perpetrator's failure to complete work honestly, but also damages the reputation of every other student at the College. Please uphold both sides of dual responsibility. Approaching a classmate about suspicion of cheating is never easy, but it is an essential part of the system. If you keep silence in the knowledge that rules have been broken, you are guilty of an honor code violation.

It goes without saying that you should never pass off someone else's work as your own. During midterm and final exams, make certain that you don't view any paper besides your own, or allow anyone else to view your work. You **may** discuss homework problems with one another. However, when writing up solutions, you should do it by yourself. I encourage you to work and study together. It can be an effective way to learn mathematics. If you are not certain whether or not something is allowed, please ask.