



Math 110.413.88: Introduction to Topology Course Syllabus

Instructor

Lauren Ross

Email: lblount2@jhu.edu

Office Hours: Online, by appointment

Course Description

This Introduction to Topology course will cover the basic concepts of point-set topology. These include topological spaces, connectedness, compactness, countability, and the Fundamental Group.

Textbook

Topology, 2nd Ed., Munkres, J., New Jersey: Prentice Hall, January, 2000

ISBN-10: 0131816292, ISBN-13: 978-0131816299

Lectures

Prerecorded lectures will be posted for the week in Canvas. There will be live synchronous sessions each week through zoom, with dates posted in the course. During these live synchronous components, homework problems and exam review will take place. Links to the recordings of each live online session will be posted in Canvas. For more information regarding Zoom, please see the [Zoom Student Quick Start Guide](#).

Homework

Homework is assigned for each week from the text. Work should be hand-written, scanned, and uploaded as an image or .pdf in Canvas. The lowest homework grade will be dropped.

Quizzes

There will be an open-book, online quiz at the end of each chapter. There are two attempts at this quiz and the higher of the two attempts counts for the grade.

Midterm & Final Exam

There will be one midterm exam in and a final exam. The exams will be released in Canvas and are to be completed individually and submitted as an image or pdf by 11:59pm ET on the

posted due dates. Follow all directions on the exam. Any official course resources, as well as student notes, may be used during the exam. No additional outside resources are permitted.

Discussion Forums

There will be six required discussion forums in the class. To receive full credit for each discussion forum, you must post an original discussion and at least one response to another discussion or to a response within your original post.

Collaboration

Collaboration on homework is allowed and encouraged. However, each individual must write up their solutions to the problems in their own words - copying from another individual's paper is prohibited. Homework is an essential part of learning the course material. Failing to give it proper attention will significantly harm your performance on the exams and your overall grade for the class.

Grading

Your final grade for the class will be given as a weighted average with the weights given as follows:

- Discussion Forums: 15%
- Homework: 20% (lowest grade dropped)
- Quizzes: 20%
- Midterm Exam: 20%
- Final: 25%

The letter grades are as follows based on your final weighted average:

A: 90-100
B: 80 - 89
C: 70 - 79
D: 55 - 69
F: < 55