

Topology I, MA 670-1C

Spring 2023

Instructor: Lex G. Oversteegen

Office: UH4020

Office hours: Tu and Th 11-12 AM and by appointment

Class room: UH 4002

Class meeting time: MWF, 10:10–11AM

The text book for the class is Undergraduate Topology by McCluskey and McMaster. We will cover most of the material in this book which covers many of the standard concepts of topology. Class meetings will mostly consist of students presentations of the material in this book. But we will use other resources as well. In the first week I will lecture on basic set theory and at the end we will add a section on complete metric spaces and function spaces.

There will be weekly home assignments which are normally due on Mondays.

Your grade will be computed as follows:

- Homework, 30%
- Presentations, 20%
- Midterm 20%
- Final exam, 30%

Midterm exam: Monday, February 27, 2023

Final Exam: Friday, April 28, 8–10:30AM