

MATHEMATICS 4205/5205/MAT 5151 - FALL 2021

TOPOLOGY I

Lectures: Tuesdays and Thursdays 11:35-12:55. The lectures will be delivered online via prerecorded video. Links will be posted on Brightspace according to the above lecture schedule. You will be able to view the videos anytime after the links have been posted. In addition, lecture notes (pdf files) will be posted on Brightspace.

Instructor: W. Jaworski, Room 4205 HP
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Office hours: Tuesdays and Thursdays 10:30-11:30 or by appointment; in person and via Zoom. See Brightspace for details.

Textbook: S. Willard, *General Topology*.

Syllabus: The material that we will cover is in Chapters 1-8 of the text.

Prerequisites: MATH 3001, or equivalent, or permission of the School.
Solid knowledge of metric spaces is assumed.

<i>Grading scheme:</i> Assignments	30%
Midterm test (80+10 minutes)	24%
Final exam	46%

You will have to upload pdf files of your completed assignments, by their due dates, into Brightspace.

The midterm and the final exam will consist of sets of questions that you will need to solve at home during a specified time slot, scan your solutions, and upload as pdf files into Brightspace. Your solution to the midterm and the final exam must be written by hand.

The **midterm test** will be written on **Thursday November 4**, during the lecture time slot. We will start at 11:30 and end at 13:00. This time slot will include the time needed to scan and upload your solutions (and print the questions, if you wish).

Academic accommodation on account of a disability or for other reasons can be granted only in accordance with the Academic Accommodation Policy. **Students with disabilities** who require academic accommodation should contact the Paul Menton Centre (PMC), ph. 613-520-6608, pmc@carleton.ca. Please ensure that I receive your Letter of Accommodation **no later than two weeks** before the first in-class test requiring accommodation. After requesting accommodation from the PMC, contact me to confirm that accommodation arrangements are made. If you require accommodation for the formally scheduled December Final Examination, you must submit your request for accommodation to the PMC **no later than November 12, 2021**. For more information please see <https://carleton.ca/pmc/>.

Recording of academic activities and use of course materials: Please, note that unauthorized student recording of classroom or other academic activities (including advising sessions or office hours) is prohibited. Unauthorized recording is unethical and may also be a violation of University policy. Students requesting the use of assistive technology as an accommodation should contact the Paul Menton Centre. Unauthorized use of classroom recordings - including distributing or posting them - is also prohibited. Under the University's Copyright Policy, faculty own the copyright to instructional materials - including those resources created specifically for the purposes of instruction, such as lectures slides, lecture notes, and presentations. Students cannot copy, reproduce, display, or distribute these materials or otherwise circulate these materials without the instructor's written permission. Students who engage in unauthorized recording, unauthorized use of a recording, or unauthorized distribution of instructional materials will be referred to the appropriate University office for follow-up.