

SYLLABUS
TOPOLOGY (math 681.002) SPRING 2020

INSTRUCTOR:	Dr. Krzysztof Chris Ciesielski
OFFICE HOURS:	T, Th 4:00-5:15 pm and by appointment
OFFICE:	308G Armstrong Hall
CLASS MEETING TIMES:	T & Th 2:30-3:45pm
CLASS MEETING PLACE:	313 Armstrong Hall
OFFICE PHONE NUMBER:	293-4367
<u>INSTRUCTOR'S PAGE:</u>	http://math.wvu.edu/~kciesiel/
<u>CLASS PAGE:</u>	http://math.wvu.edu/~kciesiel/teach/current/CurrentTeaching.html
TEXT:	Topology, 2 nd edition, by Munkres
TENTATIVE GRADING SCHEME:	Homework & Quizzes 30%
	Mid Term Test 30%
	Final Test 40%
FINAL EXAM:	The final exam will be comprehensive. It will be on Friday, May 8, 8am to 10am (unless I decide for take-home final)

Basically, the format of the class will be very similar to that from Fall 2019.

I will be assigning you homework exercises approximately once a week. You will be expected to write the solutions, which I will correct. I will try to write you my comments in your solutions. I will also try to prepare you my own solutions to give you comparison between yours and mine approach. You will have some possibility for turning the corrected versions of the graded homework, but this semester I will reduce the score for such corrected versions.

I plan to give several 5-10 short quizzes, that will check your knowledge of definitions and theorems.

The questions and discussions will be encouraged.

SYLLABUS: Online instructions
TOPOLOGY (math 681.002) SPRING 2020, **mid-March additions**

As you certainly know, due to Coronavirus situation, the spring break in WVU was extended to two weeks. More precisely, classroom instruction is suspended the week of March 23-27, with classes resuming online on March 30. You certainly wonder what to expect from the online instruction period. Although nothing is completely certain, here what I expect and will plan for.

1. All your grades are on the e-campus. So is this extended version of the syllabus.
2. In the next several classes (that will be conducted via e-campus platform) we will concentrate on solving some old exercises from the topology entrance exams. I will e-mail you the exercises shortly (also post them on the e-campus). Each exercise will be assigned to one of you and this person will be responsible to present its solution to the remainder of the class, including me. I envision this as presenting this during a class meeting, that will be arranged either using Skype or Zoom platform. (To be decided soon.) I would encourage you to have a sketch of a solution written prior presentation (hand written OK). Though it is expected that you will not be able to solve all these exercises. Thus, the presentations will be in a form of your *brain storms*. Of course, I will step up and help, whenever necessary.
3. The material not covered so far, proofs of Tychonoff Theorem and, possibly, Tietze Extension Theorem, will be covered at the end of semester.
4. The revised class notes, which will include the exercises to be solved, will be in the e-campus.