Math 581                      Topology 1                      Fall 2018

JERZY WOJCIECHOWSKI

SYLLABUS

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Office Hours: M, W: 2:30 pm – 3:00 pm, or by appointment

Main Text: STEPHEN WILLARD, General Topology

Supplementary Text: JAMES R. MUNKRES, Topology

Prerequisites:

• Sufficient mathematical maturity (including fluency in understanding and composing mathematical proofs).

• Mastery in undergraduate real analysis.

Grading:

The course grade will be determined by:

• twenty homeworks worth 5 pts each – 100 pts available.

• six 15 minute quizzes worth 25 pts each with 4 best scores counted – 100 pts available.

• two 30 minute mini-tests worth 50 pts each – 100 pts available.

• final exam (comprehensive) – 200 pts. available

The sufficient scores for each course letter grade are as follows:

• 400 pts. for A,

• 340 pts. for B,

• 280 pts. for C.
More information:

- Each homework will be due at the beginning of the next class after the class it was assigned.

- Late homeworks will not be accepted.

- No homework will be assigned at a class preceding a quiz or a mini-test.

- I plan to assign the homework at classes 1, 2, 3, 5, 6, 8, 9, 11, 12, 14, 15, 17, 18, 20, 21, 23, 24, 26, 27, 28.

- Quizzes will be given at the end of classes 5, 8, 14, 17, 23 and 26.

- Mini-tests will be given at the end of classes 11 and 20.

- The material covered at a quiz or a mini-test will include all earlier classes except for the last one before the quiz or mini-test.

- Each quiz will concentrate on the three most recent classes (except the last one) and each mini-test will concentrate on the nine most recent classes (except the last one).

- For example, the quiz given at class 8, will cover the material from classes 1–6, but it will concentrate on classes 4–6. The mini-test given at class 20 will cover classes 1–18, but it will concentrate on classes 10–18. The final exam will be comprehensive.