

Nebraska Wesleyan University  
Math 290: Introduction to General Topology  
Section 1  
Spring 2014

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<b>Instructor:</b>	Austin Mohr
<b>Text:</b>	Topology Second Edition James Munkres
<b>Supplemental Text:</b>	General Topology Schaum's Outlines Seymour Lipschutz
<b>Time:</b>	W 3:00 pm
<b>Room:</b>	Olin 110
<b>Office:</b>	Olin 109D
<b>Office Hours:</b>	MTWF 11:00 am – 12:00 pm (or by appointment)
<b>Email:</b>	amohr@nebrwesleyan.edu
<b>Cell:</b>	(803)-543-8735
<b>Course Website:</b>	AustinMohr.com/math290
<b>StackExchange:</b>	Math.StackExchange.com
<b><math>\pi</math>-Base:</b>	Topology.JDabbs.com

## Course Description

An introduction to the theory of topological spaces. Topics include set theory, topological spaces, continuous functions, connectedness, compactness, and countability and separation axioms. Adjustments in content may be made during the semester.

## Grading Scale

Only grades of “Pass” or “Fail” are awarded for this course. Students will be assessed on a combination of preparedness and participation in weekly meetings and contribution to  $\pi$ -Base, a database of topological information around which the course is focused.

## Course Structure and Expectations

- Prior to class, students will complete the required reading and attempt suggested exercises.
- Students will meet once per week to discuss the reading and exercises.
- Students will explore and contribute to  $\pi$ -Base. Novel contributions are most valuable, but the revision of existing proofs for clarity is also important.

## **Accommodations**

Nebraska Wesleyan University seeks to maintain a supportive academic environment for students with disabilities. To ensure their equal access to all educational programs, activities, and services, federal law requires that students with disabilities notify the university, provide documentation, and request reasonable accommodations. If you need accommodation in this course, please notify me so that I can verify that the required documentation is filed with the Academic Affairs Office and that your accommodation plan is in place. You should also meet with Prof. Sandy McBride, the Services for Students with Disabilities Coordinator (Old Main 126, 465-2346, [smcbride@nebrwesleyan.edu](mailto:smcbride@nebrwesleyan.edu)).

## **Academic Integrity**

Academic integrity is one of the basic principles of a university community. Nebraska Wesleyan University encourages and expects the highest standards of academic honesty from all students. The Student Code of Conduct states that “cheating, plagiarism, or other forms of academic dishonesty” are subject to disciplinary action. Refer to the Student Code of Conduct for additional information. Academically dishonest students may receive penalties up to and including receiving an F in the course.