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M W F Period 6 (12:50-1:40pm), Little Hall room 201

In this course we will learn more advanced topics of general topology, and basic topics and examples in algebraic topology. Topology provides a general setting for studying continuous mathematics, and is a foundation for much of pure and applied mathematics. Algebraic topology translates difficult topological problems into computable algebraic questions. General topology topics include the Tychonoff theorem, Stone-Cech compactification, and the Baire Category theorem. Algebraic topology topics include the fundamental group, the Jordan Curve theorem, and the Seifert-van Kampen theorem.

MTG 4302/5316 with a minimum grade of C, or permission from instructor.

Please contact me if you have any questions and/or requests!

Topology, Second Edition, by James R Munkres.

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