
Instructor: Hugh Nelson Howards

Phone: x5352

Office Hours: Tues 11:00–11:50, Thurs 1:45– 2:30

Office: Manchester 133

website: <http://www.math.wfu.edu/~howards/>

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Office hours: I have scheduled a variety of hours for students to come talk to me (listed above). I strongly encourage you to come to them. You are welcome to come for any reason, I want this class to be as personal as possible. I also welcome appointments outside of office hours- feel free to set up an appointment in class, by phone, or by e-mail.

Texts: Jennifer Schultens, *Introduction to 3-manifolds*

Colin C. Adams, *The Knot Book*

Alan Hatcher, *Algebraic Topology* - <http://www.math.cornell.edu/~hatcher/AT/ATpage.html>

Alan Hatcher, *3-manifolds* - <http://www.math.cornell.edu/~hatcher/3M/3Mdownloads.html>

Course Content: We will concentrate mostly on 3-manifolds as well as selected topics from the Knot Book and Algebraic Topology.

Grading: The course will be ambitious. The class will have two midterms and one final as well as a student presentation in class.

Class Participation	5%
Exam One, 2/19,	25%
Exam Two, 3/26,	25%
Presentation	15%
Final exam Due on 5/1 or 5/4	30%

Exams: All exams will be take home.

Honor System: It is expected that each student in this class will conduct him or herself within the guidelines of the Honor System.