Math 732   Spring 2021

Instructor: Hugh Nelson Howards   Phone: x5352
Office Hours: T 8:30-9:20 am, W 11:00-11:50 and by apt.   Office: Manchester 133
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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:

- Colin C. Adams, *The Knot Book*

- John M. Lee, *Introduction to Topological Manifolds, Second Edition*

- Allen Hatcher *Algebraic Topology* available at the link below (also linked through my course webpage and Canvas)

  http://pi.math.cornell.edu/∼hatcher/AT/AT.pdf.

Canvas & Google Drive: www.canvas.wfu.edu is our course management system. We will make occasional use of Google Drive, with links appearing in Canvas. You should add our Google Drive folder for the course to "My Drive" for easy access.

Course Content: We will concentrate mostly on algebraic topology as well as selected topics from The Knot Book.

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, 2/25,	25%
Exam Two, 4/1,	25%
Presentation	15%
Final Exam 5/14, 2:00pm- 5:00pm	30%

Exams: All exams will be take home except for the final, they will be closed book, but at times you may be allowed to use your notes (the final may shift to take home as well).

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

Learning Assistance Center: If you have a disability which may require an accommodation for taking this course, please contact the Learning Assistance Center (336-758-5929), then contact me within the first 2 weeks of the term.

Updated Version: This is the updated version as of Jan 29th 2021 replacing the first version. Corrections include dates of exams and the link for Hatcher's book.