Math 631 Fall 2019

| Instructor: Hugh Nelson Howards | Phone: x5352 |
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| Office Hours: Tues 10:00-10:50 am, Thurs 8:30-9:20 am | Office: Manchester 133 |
| $website: \ http://users.wfu.edu/howards/classes.html$ | email: howards@wfu.edu |

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.

Text: Michael P. Hitchman, Geometry With An Introduction To Cosmic Topology. You can download this for free from his website (I have a link to it on the course webpage) or buy a print copy on Amazon (also linked on my webpage) for \$10.80.

Grades: Subject to change, your grade will be determined by the assignments listed below.

| Class Participation | 5% |
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| Quizzes | 10% |
| In Class Exam One, 10/03, | 25% |
| Grad Take Home Portion Four Consecutive Hours During 10/03-10/07 | |
| In Class Exam Two, 11/07, | 25% |
| Grad Take Home Portion Four Consecutive Hours During 11/07-11/11 | |
| Final Exam, 12/11 9am -12pm, | 35% |

Homework: Homework is the main part of this course; working problems is the only way to construct your own understanding of the material. Students may occasionally present solutions to homework problems in class.

Exams: Exam questions will be based on class discussions, readings, and homework. Graduate students will have a take home portion to their exam as well as the in class portion. The final will be in class.

Attendance: Attendance is required. Class participation will be an essential part of this course. Students' final grades in the class go down if they miss more than three classes. YOU ARE RESPONSIBLE FOR ANYTHING SAID IN CLASS, AND THIS MAY INCLUDE CHANGES TO THE SYLLABUS (an extra exam might be added or the dates might be changed, for example), so if you do have to miss class be certain that you find out what happened in class that day.

Disabilities: If you have a disability that may require an accommodation for taking this course, please contact the Learning Assistance Center (336-758-5929) within the first two weeks of the semester.

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