

Graph Theory

Spring 2019

Instructor: Hugh Nelson Howards Phone: x5352
Office Hours: Mon 12:00–12:50, Wed 12:30-1:20, Thurs 8:30-9:20 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.

Course Content: In this course we study Graph theory.

Text: Chartrand and Zhang: *A first course in Graph Theory*,

Homework Presentations and Class Participation	10%
Exam One, 2/15	20%
Exam Two, 3/22	20%
Exam Three, 4/12	20%
Final Exam, 5/4, 2:00 pm	30%

Homework: Students will be called on occasionally to present homework problems in class.

Exams: Exam questions will be based on class discussions, readings, and homework. There may be a take home portion.

Attendance: Attendance is required. Class participation will be an essential part of this course. Unlike most math classes this course is not meant to be a lecture class. Students will play a large role in determining the direction the course goes through their questions, comments, and suggestions. 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.

Pandemic plan: In case of pandemic read one chapter per week. Do all odd exercise and check your answers. Do all exercises of the form $4n - 2$ and mail them to me or email them to me every other week.

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