

Graph Theory, Math 38
Spring 2009

Instructor: Joe Mileti

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Office Hours: Wednesday 10:00-11:30, Thursday 1:30-3:00, or by appointment.

Course Time and Place: Monday, Wednesday, Friday from 12:30-1:35 in Kemeny 105.

x-hour: Tuesday 1:00-1:50 in Kemeny 105.

Course Webpage: www.math.dartmouth.edu/~m38s09/

Topics: We are using the book *Introduction to Graph Theory* (second edition) by Douglas B. West. The plan is to cover the following sections of the book: 1.1-1.4, 2.1-2.3, 3.1, 4.1-4.3, 5.1-5.2, 6.1-6.2, 7.2, 8.3.

Homework: Homework will be assigned for most class periods and will be due the following class period. Both homework assignments and solutions will be posted to the webpage. Please take the time to write up your solutions neatly and carefully! Late homework will not be accepted but your lowest three homework scores will be dropped.

Exams: There will be one in class midterm exam, one take home midterm exam, and a scheduled three hour final exam.

Grading: Homework: 25%, In Class Midterm: 20%, Take Home Midterm: 25%, Final: 30%.

Honor Principle:

- *Homework:* You must cite other books or online sources if you use them to help solve a problem. If you enjoy working in groups, I encourage you to work with others in the class to solve the homework problems, but **all homework is to be written up independently**.
- *Exams:* You may neither give nor receive help. Written notes, calculators, and computers are not permitted.

Disabilities: Students with learning, physical, or psychiatric disabilities enrolled in this course that may need disability-related classroom accommodations are encouraged to make an office appointment to see your instructor before the end of the second week of the term. All discussions will remain confidential, although the Student Accessibility Services office may be consulted to discuss appropriate implementation of any accommodation requested.

Religious Observations: If you have a religious observance that conflicts with your participation in the course, please come speak with your instructor as soon as possible to discuss appropriate accommodations.