

MATH 4513 Section 001
Capstone: An Introduction to the Theory of Frames
M,W,F 10:30 - 11:20, PHSC 120

Instructor: Dr. Keri Kornelson

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Office Hours: (Tentatively) Tues. 2:30 - 3:30, Wed. 4:00 - 5:00, Fri. 11:30 - 12:30 or by appointment

Course Assignments and Announcements: The homework assignments and other announcements will be posted on the web each week. You will be notified by email of any changes in the posted assignments. The web address for the assignments is:

<http://www.math.ou.edu/~kkornelson/teaching/m4513/hw-m4513-s09.html>

Textbook: *Frames for Undergraduates*, by Han, Kornelson, Larson, and Weber, published by the American Mathematical Society.

Grading: Your grade will be determined by your work on the homework assignments, midterm exam, and final project, as well as your participation in the course (see discussion below). The weights of each of these are shown below.

Homework	30%
Participation	20%
Midterm Exam	25%
Final Project (presentation and paper)	25%

Participation: The participation component of your grade will include at least the following requirements, with possibly a few more being added as the semester progresses. Any further requirements will be announced in class and posted on the homework webpage.

- Attend class, participate in discussions and in-class activities.
- Arrange a 15-minute meeting with me during the first 2 weeks of classes.
- Attend 2 appropriate mathematical talks/events in Math Club, Graduate Student Seminar, OU Mathfest, or another appropriate venue. Write a 1-page summary of the topic and the presentation.
- Read the Math Club Blog and post comments/questions when you see something interesting.
- Complete the exit interview which the math department will set up with you at the end of the semester (if you are graduating this semester).
- Attend class during all presentations by other students.

Homework: Homework will usually be collected on Fridays. You may turn it in either during class or to me in my office before 5:30 p.m. on the day it is due. Please work neatly, and staple the pages of your assignment. Each problem should have a collaboration *acknowledgement statement* at the end (see below).

Homework Collaboration: You are allowed, in fact encouraged, to work together on the homework, but *you must acknowledge your collaborators*. Each problem should have an acknowledgment statement giving the names of the other students (or myself) who worked with you on the solution. Such collaborations should not result in identical homework papers, however. (In other words, an acknowledgement statement that you worked with Jane Doe on Problem *X* does NOT give you permission to turn in an exact replica of Jane's solution to Problem *X*.) The solutions should be written up independently. Here are some sample acknowledgement statements for you to choose from:

- I worked alone on this problem.
- I received some assistance from Professor Kornelson on this problem.
- I collaborated with (*Name 1*) and (*Name 2*) on this problem.

You are NOT allowed to use information from websites (other than those which I created for the course) in completing your homework assignments. Violation of this rule will constitute academic dishonesty.

Make-Up Policy: Make-ups for missed exams will only be allowed for a university-approved excuse in writing. Please let me know as early as possible in the semester if you must miss an exam due to an athletic event or other college activity.

Some Important Dates:

- Last day to withdraw with an automatic W: Friday, February 27, 2009.
- Spring Break: March 16-20, 2009.
- Last day to withdraw with a W/F without petitioning the Dean's office: Friday, April 3, 2009.

Academic Misconduct: Academic dishonesty will not be tolerated in this course. *Don't do it!* You are responsible for reading and abiding by the University's policies concerning academic misconduct, which can be found at

<http://www.ou.edu/provost/integrity/>

You are also bound by the provisions of the *OU Student Code*, which can be found at

<http://judicial.ou.edu/content/view/27/32/>

All cases of suspected academic misconduct will be referred to the Dean of the College of Arts and Sciences for prosecution under the University's Academic Misconduct Code.

Accommodation of Disabilities: Please inform me as soon as possible if you have a disability or special need which requires accommodation in order for you to participate fully in this course. Students with disabilities must be registered with the Office of Disability Services prior to receiving accommodations in this course. The Office of Disability Services is located in Goddard Health Center, Suite 166, phone: (405) 325-3852 or TDD only (405) 325-4173.