MATH 4801 Undergraduate Seminar

Fall 2012

Instructor: Dr. Enid Steinbart
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Office: Skiles 218C, Ph: 404-385-0971
Office hours: Tuesdays 9:00 - 10:30, 1:00-1:45 no appointment needed at these times, or by appointment.
Appointments are available for Thursdays 1:30 - 3:15 at www.advising.gatech.edu/ .
Schedule appointments for other times at www.advising.gatech.edu/ or contact me directly.
Check my website for possible changes.
Steinbart's website: http://people.math.gatech.edu/~steinbar/

Course meeting time and location: Tuesdays 3:05 - 3:55, Skiles 270

Course Objectives: This 1 hour credit course provides students with a broad exposure to areas of mathematics research at GT. Each weekly seminar in this course will typically feature one or two speakers. The speaker will describe research in a particular field of mathematics or a research project he/she has explored. In addition to GT faculty members, speakers will include undergraduate students who will talk about their work in the Summer 2012 REU (Research Experience for Undergraduates).

Prerequisites: The prerequisite for the class is MATH 2401 or MATH 2411 or MATH 2605. *This course is not restricted to seniors.* All student interested in learning more about math research at GT and various mathematics topics are encouraged to register for the course.

Grading: On time attendance is mandatory; attentive listening and active participation is expected. At the end of each presentation, be prepared to ask the speaker one or more questions regarding the presentation topic. A one-half to one page report summarizing the major points of the presentation will be due BEFORE the next class period. Reports are submitted on the T-square Assignment page. Excused absences will be allowed only for situations approved by the Dean of Students or for participation in activities officially sanctioned by the Institute. If you anticipate missing a class for a justifiable reason (e.g., job interview), please contact me in advance.

MATH 4801 is offered on a pass/fail (S/U) basis. To earn a grade of Pass (Satisfactory), a student will have no more than 2 unexcused absences AND will complete 9 reports.

Quick Links

https://t-square.gatech.edu

MATH 4801 Speaker Schedule to date

MATH 4801 Report Guidelines

Dr. Steinbart's home page

email: steinbart@math.gatech.edu

Some interesting links:

School of Mathematics

Math in the News

Club Math

Student Activities

School of Math Seminars/ Colloquium

The Mathematical Association of America

Web Pages. The MATH 4801 Speaker Schedule to date page contains the current week-by-week list of speakers and material related to MATH 4801. Not all speakers have been scheduled, and the schedule is subject to change. The page will be updated periodically during the semester. The MATH 4801 Report Guidelines provides guidelines for the report and submission of the report.

Honor code. Please review the Georgia Tech Honor Code. Any evidence of cheating or other violations of the GT Honor code will be submitted to the Dean of Students.

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Report Guidelines

Content and style: The one-half to one page report should be single spaced and should include the following information at the top: name of speaker and topic/title. The report should also include what is the problem (question, area of investigation, topic), and if appropriate what was the outcome (what results or conclusions).   Other paragraphs may address other issues, such as: why this problem is interesting, context of the problem within the area, possible future questions to explore, surprising or unexpected findings, etc.

Use complete sentences, correct spelling, and proper grammar.

Due Date: The report for a lecture is due before the next class meeting. So a report on the Tuesday August 21 lecture is due before 3:05 p.m. Tuesday August 28.   Late reports will not be accepted.

Submitting reports: Submit all reports online via the T-square Assignment page.   Submit the report as an attachment to the assignment. The weekly assignments for this course will be the report for the appropriate presentation. See the assignment page on MATH 4801 UG t-square.gatech.edu.

Grading of reports: Nine reports are required. A poorly written report will not count as one of the nine required reports.

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