Math 2009 Sophomore Seminar, Spring 2011

Course information

- **Class Hour:** 12:30–1:20pm T
- **Classroom:** Boyd 302
- **Instructor:** Dr. Jeong-Hyun Kang
- **E-mail Address:** jkang@westga.edu
- **Office and Phone:** Boyd 316, (678)839–4143
- **Office Hours:**
  - Tue. 1:30-2:00pm
  - Thu. 12:15-2:00pm
  - Fri. 12-2:00pm
- **Textbook:** No textbook
- **Course webpage:** www.westga.edu/~jkang/2009.html

  *It’s your responsibility to check the course webpage regularly* for homework assignments, announcements, and a lecture log (useful when you miss a class or when reviewing for an exam).

- **Course Topics:** Problem solving, Applications and importance of mathematics, Sub-areas of mathematics and their interconnectedness, Careers in mathematics and how to prepare them

- **Learning Outcomes:** Students will be able to
  - Identify the major areas of mathematics
  - Communicate various mathematical topics and ideas in written and oral form
  - Identify the different career tracks in the mathematical sciences
  - Describe the various inter-relations among the broad areas of mathematics, and between mathematics and other disciplines
  - Identify strategies for problem solving, and apply basic mathematical techniques to solve specific elementary mathematical problems

- **Attendance Policy:** At the beginning of each class, attendance will be checked.

- **Presentation:** Each student will research a mathematical topic and give a short presentation. Topics will be chosen from a list provided by the instructor.

- **Team Problem Solving:** Teams of 2-3 students each will be assigned mathematical problems to work on (as a team) and to present their solutions to the class.

- **Hour Exam:** There will be one one-hour exam on the last day of class 4/26. Missed hour exam may be made up prior to the actual test date if the student has a provable excuse such as an official university field trip or doctor’s note. Somebody’s wedding or gathering with a boy/girl friend after several months are not appropriate excuses.
• Final Exam: The final exam is scheduled for **Thursday, May 5, 11 am-1 pm**. The final exam hour may be used to present Team Problems if we cannot finish them during instructional classes.

• Grading Policy:
  – Presentation 30pts
  – Team Problem Solving 20pts
  – One Hour Exam 20pts
  – Attendance 30pts
  – 100 points total

• Letter Grades: ≥ 90% A; ≥ 80% B; ≥ 70% C; ≥ 60% D; below 60% F

• Other Class Policies:
  – Communications:
    * Email is the best way to contact me. Email communications regarding the course should be done only in the domain of westga.edu.

• Classroom Behavior: You are expected not to disturb your classmate’s learning.