

# Math 5350-001 Course Syllabus - Fall 2007

**Meets:** MW 9:00-10:20 in GAB 473

**Instructor:** Dr. Pieter Allaart

**Office:** GAB, Room 415; Phone: 369-7313

**Office Hours:** MW 2-3, TR 11-12, or by appointment

**E-mail:** [allaart@unt.edu](mailto:allaart@unt.edu)

**Text:** Introduction to Stochastic Processes, by Hoel, Port and Stone (Waveland Press, Inc); supplemented by handouts.

**Grading:** Grades will be based on class participation (20%), homework (60%) and a final exam (20%). However, I reserve the right to substitute a mid-term exam for part of the homework grade if I deem it necessary to do so. If that happens, the grade will be determined as follows: class participation (15%), homework (45%), mid-term exam (20%), and final exam (20%).

**Final Exam:** The final exam will be on Monday, December 10 at 8:00am.

**Expectations regarding class participation:**

- Two blackboard presentations
- Taking part in discussions
- Ask questions when necessary; respond to questions when prompted
- Limited number of absences (other than for sickness, family emergencies, etc.)

**Homework:** Homework will be assigned periodically, and you will always be given at least one week to complete it. You are allowed to work together on the homework, but in the end, everybody is expected to understand the solution. I would prefer to see original solutions. The mid-term exam will be given if I believe that not everybody is pulling their weight on the homework.

Some of the exercises will involve proofs; most require calculations. I expect complete rigor! Write clearly and legibly. Show ALL of the details. Homework which is messy or difficult to read will not be graded. If you could not come to class, and missed the assignment, it is your responsibility to find out what the assignment is (see below).

**Web page:** Homework assignments and other important information concerning this class will also be posted on the web at <http://www.math.unt.edu/~allaart/classes>. Whenever you miss class, check this page to find out about assignments that you missed.

**Disabilities:** It is the responsibility of students with certified disabilities to provide the instructor with appropriate documentation from the Dean of Students Office.

**Cheating:** No cheating will be tolerated. Anyone caught cheating will be subject to any penalty the instructor deems appropriate, up to and including an automatic F for the course. Furthermore, a letter will be sent to the appropriate dean.