

Departmental Syllabus
MAT 721, Probability I
Fall 2011

Course Description: Measure and integration, random variables and their distributions and transforms, modes of convergence, classical limit laws.

Course Instructor: Professor J.T. Cox, 213B Carnegie, 443-1488, jtcoc@syr.edu

Text: *Probability: Theory and Examples, 4th Edition*, by Richard Durrett.

Pre/Co-requisites: MAT 701 or some knowledge of measure theory.

Course Format: The course meets three times per week.

Homework: There will be regular homework sets.

Exams: There will be a midterm exam and a final.

Grading: The course grade will be based on the homework and exams.

Disability-Related Accommodations. If you believe that you need accommodations for a disability, please contact the Office of Disability Services(ODS), <http://disabilityservices.syr.edu>, located in Room 309 of 804 University Avenue, or call (315) 443-4498 for an appointment to discuss your needs and the process for requesting accommodations. ODS is responsible for coordinating disability-related accommodations and will issue students with documented disabilities Accommodation Authorization Letters, as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible. You are also welcome to contact me privately to discuss your academic needs although I cannot arrange for disability-related accommodations.

Faith Tradition Observances. SU's religious observances policy, found at http://supolicies.syr.edu/emp_ben/religious_observance.htm, recognizes the diversity of faiths represented among the campus community and protects the rights of students, faculty, and staff to observe religious holy days according to their tradition. Under the policy, students are provided an opportunity to make up any examination, study, or work requirements that may be missed due to a religious observance provided they notify their instructors before the end of the second week of classes.

Academic Integrity: The Syracuse University Academic Integrity Policy holds students accountable for the integrity of the work they submit. Students should be familiar with the Policy and know that it is their responsibility to learn about instructor and general academic expectations with regards to proper citation of sources in written work. The Policy also governs the integrity of work submitted in exams and assignments as well as the veracity of signatures on attendance sheets and other verifications of participation in class activities. Serious sanctions can result from academic dishonesty of any sort. For more information and the complete policy, see <http://academicintegrity.syr.edu>.