

MAT 721 – Introduction to Probability

Spring 2017 Syllabus
Tu/Thur 2:00–3:30pm, Carnegie 110

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

Prerequisite MAT 701 or a solid background in Lebesgue measure and integration.

Instructor Prof. JT Cox, 311B Carnegie, 443-1488, jtcox@syr.edu

Office Hours Held in Carnegie 311B

- Tue & Thur, 3:45-5pm (tentative, subject to change)
- and at other times by appointment

Text

- Probability Theory and Examples, 4th ed., by Richard Durrett

Grading Homework, a final exam, and possibly a classroom presentation will be used to determine your grade for the course. You may discuss the homework problems with one another other, but you must write up your own solutions.

Cell phone Policy

- Cell phones should be turned off and put away during class.
- Cell phones **are not allowed** on exams. Specifically, using or having available for use any calculator, cell phone or other electronic device during any exam will be considered a **violation** of the Academic Integrity Policy. During exams, cell phones and other electronic devices **must be stowed out of reach**, either in a closed backpack or at the front of the room.

Attendance You are expected to attend every class, arriving on time.

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, TDD: (315) 443-1371 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.**

Academic Integrity. Syracuse University's academic integrity policy reflects the high value that we, as a university community, place on honesty in academic work. The policy defines our

expectations for academic honesty and holds students accountable for the integrity of all work they submit. Students should understand that it is their responsibility to learn about course-specific expectations, as well as about university-wide academic integrity expectations. The university policy governs appropriate citation and use of sources, the integrity of work submitted in exams and assignments, and the veracity of signatures on attendance sheets and other verification of participation in class activities. The policy also prohibits students from submitting the same written work in more than one class without receiving written authorization in advance from both instructors. The presumptive penalty for a first instance of academic dishonesty by an undergraduate student is course failure, accompanied by a transcript notation indicating that the failure resulted from a violation of academic integrity policy. The presumptive penalty for a first instance of academic dishonesty by a graduate student is suspension or expulsion. SU students are required to read an online summary of the university's academic integrity expectations and provide an electronic signature agreeing to abide by them twice a year during pre-term check-in on MySlice. For more information and the complete policy, see <http://academicintegrity.syr.edu/>. For more precise details, see

- [One page guide: AI at SU](#)
- [10 things all students need to know about AI](#)

Religious observances policy SU religious observances policy recognizes the diversity of faiths represented among the campus community and protects the rights of students, faculty, and staff to observe religious holidays 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 are religious observance provided they notify their instructors before the end of the second week of classes. For fall and spring semesters, an online notification process is available through MySlice (Student Services -> Enrollment -> My Religious Observances) **from the first day of class until the end of the second week of class.**