

MAT 651 : Probability and Statistics I (Fall, 2016)

Course Description:

A review of basic probability theory, transformations and moments, common families of distributions, multiple random variables, sampling from the normal distribution, convergence concepts

Instructor

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Class Time: MW 12:45 p.m.-2:05 p.m.

Office Hours: W 10:30 a.m.-11:30 a.m., T 1 p.m.-2 p.m., and by appointment.

Text : *Statistical Inference*, by George Casella and Roger L. Berger, 2nd edition, Duxbury

Grading Policy

Midterm Exam (35%), Final Exam (40 %), Homework (25%)

There will be no make-up exams. If you miss the midterm exam for a valid reason with supporting documents, the final will count correspondingly more.

Prerequisite: Calculus

Exams: Midterm (in Class): October 17, 2016 (Monday)
Final exam: December 12, 2016 (Monday) 12:45 p.m.-2:45 p.m.

Homework: Homework will be assigned and collected in class. You are encouraged to discuss homework problems with your classmates, but each of you are expected to write up your solutions independently.

Attendance: You are expected to attend every class, every in-class exam/quizzes and the final exam. If you miss a class, it is your responsibility to obtain a copy of the lecture notes from another student. You are also responsible for any announcements about changes to the course schedule, the exam schedule, or the course requirements made during that class.

Students with Disabilities: 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 303 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 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.

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 regard 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>

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 a 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.