MAT 651: Probability and Statistics I (Fall, 2012)

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 Hours MW 12:45 p.m.-2:05 p.m.
Office Hours T 11 a.m.-12 a.m., W 2:30 p.m.-3:30 p.m.

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

Grading Policy
Midterm Exam (30%), Final Take Home Exam (30 %), Homework (40%)

Prerequisite: Calculus

Course Schedule: Chapters 1-5 and a part of Chapter 6 if time permits.
** Midterm (in Class): October 15, 2012 (Monday)
** Take-home Final: December 5, 2012 (Wednesday) – December 7, 2012 (Friday)

References

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 \texttt{http://academic.integrity.syr.edu}

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