STAT 6205, Introduction to Statistical Theory
WINTER 2013

Lecture: T,R 2:00–3:50pm,& 6:00-7:50pm, ScN 207

Instructor: Dr. Shenghua(Kelly) Fan Office: ScN 318
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Office Hours: T,R 4:00–5:00pm, or by appointment
Website: http://www.sci.csueastbay.edu/~sfan


Prerequisites: STAT 6204

Course Content: This course covers probability and statistical models used in many areas. We will cover selected topics including, but not limited to, basic probability concepts, probability models (discrete, continuous, univariate, and multivariate), sampling and sampling distributions, confidence intervals, hypothesis testing, expectation and variance, simulation and Bayesian methods.

Grading: There will be homework assignments assigned approximately weekly worth a total of 25% of your grade. Not all problems will be graded. **No late homework will be accepted.** Two midterms will be given at dates announced in lecture (as this will be determined by the pace of the class) worth 25% each. Finally, your final exam on Tuesday, March 19th from 2–3:50pm (6–7:50pm for section 2), will be worth 25% and be comprehensive. You are allowed to bring 1 sheet of paper (8.5” × 11”), TWO sided, to each of the exams with any notes you feel are pertinent. These notes must be hand written. You are expected to bring a calculator with you to these exams, graphing is not necessary. **There will be no make-up exams.** In general, I do not grade on a curve. Your goal is to not fall behind the rest of your class.
Note: Although discussion amongst your peers about course material is highly encouraged, work done on homework and exams is to be done by you alone. There will be no collaborative work. Please be respectful during class and leave outside conversations until after class. Cell phones and pagers must be turned off during class. Finally, do not bring food into the classroom unless you are sharing with the entire class. Food is strictly prohibited in the computer labs.

Emergency Information:
Information on what to do in an emergency situation (earthquake, electrical outage, fire, extreme heat, severe storm, hazardous materials, terrorist attack) may be found at: http://www.aba.csueastbay.edu/EHS/emergency_mgnt.htm. Please be familiar with these procedures. Information on this page is updated as required. Please review the information on a regular basis.

Policy on Academic Dishonesty:
By enrolling in this class the student agrees to uphold the standards of academic integrity described in the catalog at http://www.csueastbay.edu/ecat/current/i-120grading.html#section12. Cheating will result in: 1) a zero score on the test and the loss of all grading options; and/or 2) an “F” grade for the course; and/or 3) referral to the Academic Vice President for expulsion from the University.

Accommodations for Students with Disabilities:
If you have a documented disability and wish to discuss academic accommodations, or if you would need assistance in the event of an emergency evacuation, please contact me as soon as possible. Students with disabilities needing accommodation should either speak with me or Accessibility Services.

REGARDING INCOMPLETES

- Acceptable reasons for not completing course: unforeseen (but justified) circumstances (e.g., car accident, illness developed late in the quarter).
- You must have completed at least 70% (7 weeks) of the class work with a passing grade (B– or better).

- You must be able to complete the outstanding course work (e.g., final exam) without attending any additional classes with the faculty member assigning the Incomplete grade.

- You must be able to complete the outstanding course work with the faculty member assigning the Incomplete grade, not by attending a future class offered by another teacher.

- You must be able to make up the outstanding course work within one year (preferably within one quarter).