Statistics 415, Section 3 (Spring, 2011)

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Time: MWF 3:35 pm – 4:25 pm

Place: 216 Thomas Building.

Office hours: MWF 2:30 pm – 3:30 pm.


Course description: Course description: This course is a theoretical treatment of statistical inference. The topics include: Estimation, Confidence Intervals, Hypothesis testing, Regression, Analysis of variance, and Chi-square tests. (Chapters 6-9).

Examinations: There will be two midterm exams and a final exam. They will be closed-book and in-class. You may bring a page of notes for each exam. The schedules for the exams will be announced sufficiently in advance. Make-up exams are possible but students must demonstrate sufficient and verifiable reasons, and make the request at least a week before the exam.

Assignments: Homeworks are collected every Friday, starting the second Friday. Late homeworks are unacceptable.

Evaluation: Assignments: 25%; Two midterms: 37.5%; Final: 37.5%. Students’ overall performance in class will also play a part in evaluation, and this will be based on subjective judgment.

All Penn State and Eberly College of Science policies regarding academic integrity apply to this course. See http://www.science.psu.edu/academic/Integrity concerning academic integrity for details.