

## STATISTICS 418 (Spring, 2006, Section 1)

**Professor:** Bing Li; Telephone: 865 1952; Office: 410 Thomas Building; email: bing@stat.psu.edu

**Time:** MWF 11:15 am – 12:05 am

**Place:** 360 Willard.

**Office hours:** MWF 4:00pm – 5:00pm.

**Grader and his office hours:** Min-Hee Kim. Office hours: MW, 3:30 pm - 5:00 pm; Office: Thomas building, Room 330B; Telephone: 863-0692; email: mzk132@psu.edu

**Text:** *A First Course in Probability*, 7th, by Sheldon Ross.

**Course coverage:** This is an introductory course of probability. It will cover classical probability models; random variables and vectors; conditional probability and independence; expectations and conditional expectations; some limit theorems.

**Examinations:** There will be two midterms and a final exam. They will be closed-book and in-class. You may bring a page of notes and a calculator. Make-ups will not be given unless under extraordinary circumstances.

**Homework:** Homework will be assigned after each class, and will be collected and graded every week. It is impossible to over emphasize the importance of homework: doing probability is the way to learn probability. Late homework will not be accepted.

**Evaluation:** Midterms 40 %. Final 40%. Homework 20%.

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