



The Pennsylvania State University, Fall 2009

STAT 418/MATH 418, Section 002: Probability

Course Syllabus

Meeting Days: Tuesdays, Thursdays 01:00P - 02:15P 104 Thomas Building

Instructor: Ivan Simeonov, 418 Thomas Building

Email: ibs104@psu.edu

Office Hours: Mondays 9:00-10:00 and Tuesdays 11:50-12:50

T.A's: Wei-Han Chen, 301 Thomas Building

Email: wxc220@psu.edu

Office Hours: Monday, Wednesday 12:00-13:00.

Wei Wang, 301 Thomas Building

Email: wzw114@psu.edu

General description of the course: An introduction to the fundamentals and axioms of probability.

Textbook: A First Course in Probability, eighth edition, by S. Ross.

Supplemental Book: A Modern Introduction to Probability and Statistics by F.M. Dekking, C. Kraaikamp, H.P. Lopuhaa, L.E. Meester (chapters 1,2,3,4,7,9,10,13,14)

(Access Online from SpringerLink(log in on Penn State Network))

<http://springerlink.com/content/w22x42/p=ae4d4104f4f542df95a05a02ec8c1067&pi=23>

Required Work:

1. Homework assignments.
2. Two mid-term examinations, scheduled for September 22, Oct 29.
3. A comprehensive final examination, to be held ...

Homework: Homework assignment will be collected at the **beginning** of class on the due dates posted in the Course Schedule. Late assignments will not be accepted, regardless of reason, but only **10** of your highest homework(out of 13) scores will count toward your final grade.

Mid-term Examinations: Three closed-book, mid-term exams will be given. Exam 1 will be given on September 22, and Exam 2 will be given on Oct 29. If you wish, you may bring to each mid-term exam a calculator and one handwritten 8.5 x 11-inch page (only one side) of formulas or notes. All students are required to bring their PSU ID card to the each of the exams.

Final Examination: The final examination is mandatory, closed-book, and comprehensive. The examination will be held during the final week. All students are required to bring their PSU ID card to the exam. You may also bring to the exam a calculator and one handwritten 8.5 x 11-inch page (only one side) of formulas or notes.

Grading policy: Overall scores will be calculated using the following scheme:

Assignments	Weight
Homework	25%
Exam 1	20%
Exam 2	25%
Final Exam	30%

Final Grades: Final grades will be determined as follows:

A : 94-100%, A- : 90-93%
B+ : 88-89%, B: 84-87%, B- : 80-83%,
C+ : 78-79%, C: 70-77%
D: 60-69% F: 0-59%

Course Rules:

1. No late or make-up homework assignments will be given for ANY reason.
2. No late exams will be given for ANY reason. If you have a valid reason to miss an exam you should provide the instructor with an explanation IN WRITING a week before the scheduled exam. Upon the approval of the instructor a make up exam will be scheduled. If you get sick with H1N1 Flu please email me right away, **before** the scheduled exam, so we can set up a make up exam.
3. Considerations for early final examinations will be allowed to students with direct conflicts due to other required university activities. Directors of those programs must provide a valid letter requesting that the student be excused from the exam.
4. Students are responsible for all announcements and supplements given within any lecture. You are expected to attend all lectures and are required to take all exams, so it is your responsibility to know the exam dates.
5. Integrity Statement: 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.
6. Please read the H1N1 Flu Policies.