

STAT 543: Theory of Probability and Statistics II

Spring 2019

Instructor: V. Roy
Office: 3415 Snedecor Hall
Phone: (515) 294-8701
Email: vroy@iastate.edu

Course Website: Canvas

Lecture: M/W/F 9:00-9:50 AM, Howe 1344

Office Hours: M 2:10 - 3:00 PM, W 3:10- 4:00 PM or by appointment

Assistant: Sungchan Park
Office: 2404 Snedecor Hall
Email: sungchan@iastate.edu
Office hours: T 11:10 am - 1:00 pm (2404 Snedecor Hall),
F 1:30 - 3:00 pm (3404 Snedecor Hall)

Textbook: *Statistical Inference* - (2nd Edition) by G. Casella & R. L. Berger,
Duxbury Press, California.
(The course will generally cover chapters 6 through 10.)

References:

1. *An Introduction to Probability Theory and Mathematical Statistics*
- by V. K. Rohatgi
2. *Mathematical Statistics: Basic ideas and selected topics*
- by P. J. Bickel & K. A. Doksum

Exams: There will be two midterm exams and a final exam. Each midterms will be administered at an evening time (e.g., 6:30-8:30 PM on a Wednesday). A formula sheet will be provided for the exams (more details later). If you know that you have a conflict with an exam due to circumstances beyond your control, you must notify me **before** the scheduled exam. Make-up exams are permitted only at the instructor's discretion.

Homework: Homework problems will be assigned throughout the semester to provide opportunities for practice and application. Both the homework problems and their solutions will be posted on the course website. You are welcome to discuss the

homework problems with other students but everyone must **independently** write up and submit a homework assignment (do *not* copy the work of others). Homeworks will be due on the due dates. You need to turn them in at the start of the lectures or to the TA during his office hours on the due dates.

Grading: Grades will be based on the following criteria:

Component	Weight	Tentative Date
Homework	10%	
Exam 1*	25%	Wednesday, February 20, 6:30-8:30 PM, Durham 0171
Exam 2*	25%	Wednesday, April 3, 6:30-8:30 PM Durham 0171.
Final Exam	40%	Monday, May 6, 7:30-9:30 AM

* Please note that the dates for the midterm exams are tentative and may be changed based on the pace of the course. You will always be given sufficient notice of an exam. Location of the final exam is to be announced.

Disability Access: If a student has a disability that qualifies under the Americans with Disabilities Act and Section 504 of the Rehabilitation Act and requires accommodations, he/she should contact the Student Disability Resources (SDR) office for information on appropriate policies and procedures. SDR is located on the main floor of the Student Services Building, Room 1076. Their phone number is 515-294-7220.