

Fall 2016

University of Akron

# 3470: 651 Probability and Statistics

**Time and Place:** MW 6:05 - 7:45pm CAS 109  
**Instructor:** Nao Mimoto  
**Office:** CAS 413  
**Phone:** (330) 972 8011  
**Email:** nmimoto@uakron.edu  
**Office Hours:** MW 3-4 & by appointment  
**Course Web Page:** gozips.uakron.edu/~nmimoto/651  
**Prerequisite:** Three semesters of calculus or equivalent.

**Course Description:** Probability, random variables, moments and generating functions, random vectors, special distributions, limit theorems, sampling, point estimations, hypothesis testing, confidence estimation.

**Textbook:** Casella and Berger Statistical Inference 2nd ed. Brooks/Cole

**Class Web Page:** Lecture slides, homework assignments and other class materials/announcements will be posted on the course web page listed above.

**Attendance:** You are expected to attend all meetings of the class. If you miss a class for whatever reason, you are responsible for all covering materials, assignments and deadlines.

**Homework Assignments:** There are weekly take-home assignments. The lowest take-home scores will be dropped when calculating total points.

**Grading Scale:** Grading is based on homework and exam scores according to the following schemes, and a course grade will be given according to the following scale:

Assignments	60%
Midterm	20%
Final	20%

A		B		C		D	
90%		75%		60%		50%	

A plus/minus grade may be assigned if a student's total fall just below one of the cut-offs.

**ADA:** Any student who feels he/she may need an accommodation based on the impact of a disability should contact the Office of Accessibility at (330) 972-7928. The office is located in Simmons Hall room 105. Their web page can be viewed at <http://www.uakron.edu/access/>.

**Disclaimer:** The instructor reserves the right to make any changes he considers academically advisable. Changes will be announced in class and on the course web site. It is your responsibility to keep up with any changed policies and assignments.

**Academic Honesty:** The use of a crib sheet as well as copying homework, quizzes, or examinations constitutes academic dishonesty and will be referred to the Student Discipline Office. Please refer to the University of Akron's Academic Dishonesty Policies Publication for a more detailed discussion about Academic Dishonesty.

Table 1: **Important Dates**

Sep 6	Last day to add (no signatures required)
Sep 12	Last day to add (with Instructor, Advisor, and Dean signatures)
Sep 12	Last day to drop without "WD" appearing on academic record (no signatures required)
Oct 17	Last day to drop