

# Hunter College

## Mathematical Statistics

### Course Information

#### Class Information

Meeting days/times: Tuesday / 5:35 - 7:25 pm

Location: 920 Hunter East

#### Instructor

Jiangtao Gou, Office 928 Hunter East

Office hours: Tuesday 2:00 - 4:00 pm

E-mail: [jiangtao.gou@hunter.cuny.edu](mailto:jiangtao.gou@hunter.cuny.edu)

#### Prerequisites

The formal prerequisites for this course are relatively modest: a good background in calculus, some basic ideas of real analysis (e.g., the concept of a limit), and a basic understanding of linear algebra. It is also helpful to have some familiarity with elementary probability theory and statistical methods.

#### Learning Outcomes

The goal of the Statistics 703 course is to provide a comprehensive introduction to statistical theory and methodology at a level not requiring advanced probability theory (i.e., measure theory).

#### Textbook

Introduction to Mathematical Statistics, 7th Edition, by R. V. Hogg, J. W. McKean and A. T. Craig

#### Homework

Homework problems will be assigned weekly and must be turned in at the beginning of the class on the following Tuesday. Late homework will not be accepted.

#### Exams

There will be no remake for the midterms and final.

Midterm (**take-home**): April 19 - May 3

Final Exam (comprehensive): Tuesday, May 24, 5:35 - 7:25 pm (Final Exam Schedule Spring 2016, Office of the Registrar)

Final exam is **closed book**. Calculators and formula sheets are allowed. You will be allowed to consult five single-sided 8.5"  $\times$  11" notes during the midterm exams.

**Grading**

Homework: 30%

(If the lower score is at the Midterm) Midterm : 30%, Final: 40%

(If the lower score is at the Final Exam) Midterm: 40%, Final: 30%

If you are absent more than 2 times, you will lose 0.5% from your final grade for each additional absence.

**Credit/No Credit**

You need to submit the CR/NC form to me before the final exam if you decide to get a CR/NC grade for this course. Please check with the Office of the Registrar for more details.

**Other Notes**

College's policy on academic integrity: "Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The College is committed to enforcing the CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures."

College's statement on students with disabilities: "In compliance with the American Disability Act of 1990 (ADA) and with Section 504 of the Rehabilitation Act of 1973, Hunter College is committed to ensuring educational parity and accommodations for all students with documented disabilities and/or medical conditions. It is recommended that all students with documented disabilities (Emotional, Medical, Physical and/or Learning) consult the Office of AccessABILITY located in Room E1124 to secure necessary academic accommodations. For further information and assistance please call (212-772-4857)/TTY (212-650-3230)."

*Please Note: The instructor reserves the right to evaluate special requests or circumstances. The instructor may make modifications to the syllabus and/or outline during the course. Students will be notified of any changes.*