

Instructor. A. Baernstein

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Office hours. Monday 3:00-4:00, Thursday 3:00-4:00, or by appointment. We can make arrangements after class, by email, or by phone.

Text. *Probability and Statistical Inference*, 6'th Edition, by Hogg and Tanis.

Exams. Midterm 1 sometime between Oct.4 and Oct.9. Midterm 2 sometime between Nov.8 and Nov.13. Exact times will be determined later. Final Exam on Monday Dec.16, 10:30-12:30.

Homework. There will be a number of homework assignments to be handed in for grading. In addition, for your own benefit, you should do a substantial number of other problems in the text.

The course. An introduction to the main ideas of probability theory at the intermediate mathematical level. Students are expected to develop a qualitative and quantitative understanding of the basic ideas and to learn how to do the computations. I expect to cover the first six chapters of the text. Some sections may be omitted.

Prerequisites. Fluency in calculus, and the determination to think hard when the occasion demands.

Course grade. Will be based on performance on homework and exams. I have not yet worked out details.