ECONOMETRICS 120A - HONORS SECTION

The honors section for Econometrics 120A is meant to provide students with an introduction to the mathematical foundations of modern statistical analysis as well as examples of real world applications of the material we study. The course material will be considerably more rigorous than that of 120A and is meant for students comfortable with calculus and mathematical/abstract thinking.

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Economics $#210$	Office Hours: Mondays 4:30pm-7:00pm

Course Outline

<u>Part I</u> What is a probability? Discrete vs. Continuous random variables. <u>Part II</u> We will cover a number of examples of applications of the tools learned in 120A, including: experimental economics, natural experiments and development economics. <u>Part III</u> Additional topics: Modern Financial theory, CAPM and efficient markets.

Grading The grade will be based on class participation and a short paper. The short paper will consist of a discussion of one the academic articles read in class, 5-10 pages in length and due the last day of class.

Webpage It can be found on WebCT. All handouts will be posted here.