BOSTON COLLEGE
Department of Economics

EC151.02/03   Yuichiro Yoshida
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This is an introductory course in statistics. The primary objective of this course is to learn the basic theory of statistics and its application to the real-life problems.

Textbook:
The following textbook is required:
Anderson, Sweeney and Williams: Essentials of Statistics for Business and Economics, 2E.

Course Organization:
The course will consist of problem reviews and lectures. In the beginning of each class, I will give you a small quiz which is based on the previous lecture. Then a review of the quiz will be given immediately, followed by a lecture covering new material.

There will be a final exam in the end of the term, but there will be no mid-term exam. The underlying idea is that the numerous quizzes will replace the mid-term exam with lower measurement error of your true ability, and more importantly, with constant studying attitude. Missing a quiz results in a score of zero for that one, unless you have an authorized document such as a doctors note. Seven lowest scores on quizzes will be exempted from the grading procedure. The number of exempted quizzes will be slightly lower if you miss classes (with a valid reason) more than a few times. There will be no make-up exams or quizzes. All quizzes and an exam are open-book, open-notes and open-everything, however, you have to work independently. I expect that most of the questions in the exam and quizzes will be numerical and quantitative.

Grading Policy:
Quizzes	60%	(seven lowest scores will be dropped)
Final Exam	40%	

Course Structure:
The structure of the course will follow the textbook closely:
1) Introduction
2) Descriptive Statistics I: Tabular and Graphical Methods
3) Descriptive Statistics II: Numerical Methods
4) Introduction to Probability
5) Discrete Probability Distributions
6) Continuous Probability Distributions
7) Sampling and Sampling Distributions
8) Interval Estimation
9) Hypothesis Testing
10) Comparisons Involving Means
11) Comparisons Involving Proportions
12) Regression Analysis.

I may skip some sections in above chapters, which I will announce as I proceed.