

Economic Statistics ECON 227

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Textbook: (Paragraphe Book Store)

Statistics for Business and Economics (any edition), McClave, Benson and Sincich, Pearson/Prentice-Hall If you find second-hand earlier editions, they will be perfectly all right for the course.

EDA (exploratory data analysis)

Probability theory, including the expected value and standard deviation of random variables

Geometric, binomial, Poisson, and hypergeometric discrete random variables

Exponential and normal continuous random variables

Sampling distributions

Point and confidence-interval estimation. t and chi-square distributions

One-population hypothesis tests

Two-population tests

F distribution

ANOVA

Chi-square tests of independence and goodness of fit

Simple regression and correlation

Multiple regression

Evaluation: The better of Calculation A, Calculation B

	Calculation A	Calculation B
assignments and quizzes	25	20
midterm examination	35	20
Final examination	40	60

Students should have a calculator capable of statistics computations with two-variable capacity. There will be work done on the computer using MINITAB and EXCEL.

Work may be presented in English or French.

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