

ECONOMIC STATISTICS

Fall, 2010

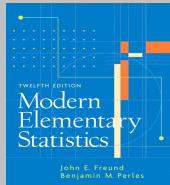
Economics 521

T,Th 2:00-3:20
202 HL

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Office Hours: Mon., 2:00-4:00 & Wed, 2:00-3:00 or by appointment

Texts: John E. Freund and Benjamin M. Perles, Modern Elementary Statistics (12th ed.)



Three non-cumulative exams (each worth 30%); approximately once-a-week quizzes or homework (10%). All Syracuse University policies and procedures concerning academic honesty apply to this course [See the [SU website on academic integrity](#)].

[Intro ppt](#)

1. Descriptive Statistics

Freund: 2.1-2.2, Chap 3 (except 3.5), 4.1-4.4

[Handout: Descriptive statistics](#)

[GDP Data](#) / [Export data](#) / [Kelly data](#) / [Consumption function](#)

[Gapminder](#)

2. Probability

Freund: Chaps. 5, 6, 8.1-8.3, 8.7-8.8, Chap 9 (except 9.3 & 9.6)

[Dice](#) / [Poker deck](#)

[Handout: Intro to Probability](#)

[Handouts are in pdf format. To download a free pdf Reader, click [here](#)]

[Homework #1](#)

[Handout: Conditional Probability](#)

[Homework #2](#)

[Handout: Probability Distributions](#)

[Handout: Continuous Distributions](#)

3. First Exam

Approximately Sept. 28th

Old exams to study from: [Fall, 2008](#) and [Fall, 2009](#)

4. Inferential Statistics

Freund: Chaps. 10, 12, 13 (Omitting starred sections in each chapter)

[Handout: Sampling Distribution](#)

[Sampling Distribution Display](#)

Standard Normal Tables: [Cumulative Probabilities](#) and [Interval Probabilities](#)

[Handout: Hypothesis Testing](#)

5. Second Exam

Approximately Nov. 4th

Old exams to study from: [Fall, 2008](#) and [Fall, 2009](#)

6. Regression

[OLS Handout](#)

[Excel Handout](#)

Freund: Chaps. 15 and 16

plus several assigned readings of applied regression analyses.

[Simple Regression algebra homework](#)

[Simple Regression Excel Homework](#)

[Multiple Regression Excel Homework \(Gordon\)](#)

[Gordon's results](#)

[Fair PPT](#)

7. THIRD EXAM

Wed., Dec. 15th, 5:15-7:15pm

Old exams to study from: [Fall, 2008](#) and [Fall, 2009](#).

Web Links for Statistics:

[General guide to statistics on the Web](#)

[Java Applets](#)

[t-distribution](#)

[More Applets](#)

[Statistics jokes](#)

[Statistics text](#)

[Inter-University Consortium for Political and Social Research](#)

[Economic Report of the President](#)

[The Chart of the Week](#)

[The Election Calculator](#)

[FAIRMODEL](#)

[Mile record data](#)

[1954](#)

[1999](#)

[Grades data](#)

[Presidential election results](#)

[Smith Vote data](#)

[Gordon Vote data](#)

[Fair Vote data](#)

[Fair Book data](#)

[Varian article](#)

[Red Sox data](#)

[Fair PPT](#)

[Fair Homework](#)

