

Methods of Stats

22-QA-721-001

Professor: Norman T. Bruvold, PhD
Office: 429 Lindner
Phone: 556-7105
Fax: 556-0979

Fall 2008, Lindner 216
Office Hours: Wednesday
2:00-3:30 and by appt.
email: Norman.Bruvold@uc.edu

Text: Moore, David S., George P. McCabe, William M. Duckworth and Layth Alwan, 2009. The Practice of Business Statistics, Second Edition, W.H. Freeman & Company. Reference: Snedecor, George W. and William G. Cochran, 1989. Statistical Methods, Eighth Edition, Iowa State University Press, Ames, IA.

Date	ChaptersSC	Chapters MMDA	Topics
Sept. 24	1&2	1.1-2,3,1,3.3,4.1-.3	Introduction, Frequency Distributions.
Sept. 29	2 & 3	1.1-.3,4.1-.4,5.2,6.1,7.1	The Mean and Standard Deviation.
Oct. 1	4	1.3, 4.1-4, 5.2, 6.1, 7.1	The Normal Distribution, a Continuous Distribution.
Oct. 6	5	6.2-4, 7.1, 9.1-.2	Introduction to Tests of Hypotheses with Normality.
Oct. 8	5	6.2-4, 7.1, 9.1-.2	Single Sample Tests of Hypotheses Assuming Normality.
Oct. 8	6	7.1, 7.2, 7.3	Comparisons of two Independent or Dependent Samples.
Oct. 13	6	7.1, 7.2, 7.3	More on Comparisons of Two Samples.
Oct. 15	7	5.1-.2, (5.3, 5.4) 8.1-.2	The Binomial Distribution, a Discrete Distribution.
Oct. 20	7	5.1-.2, (5.3, 5.4) 8.1-.2	More Binomial and Intro to other Discrete Distributions.
Oct. 22	Project	Review	Project Discussion and Midterm Review.
Oct. 27	** Midterm	In Class Exam	Chapters 1 through 7 S&C and MMDA as Stated. **
Oct 29	8	7.1, 8.1, 16.1-3	Nonparametric Methods for Non-Normal Populations.
Nov. 3	8	7.1, 8.1, 16.1-3	More on Nonparametric Methods.
Nov. 5	9	2.1-4, 10.1-.3	Introduction to Simple Linear Regression.
Nov. 10	9	2.1-4, 10.1-.3	More on Simple Linear Regression.
Nov. 12	10	2.2, 10.1	Correlation and the Correlation Coefficient.
Nov. 17	10	2.2, 10.1	More on Correlation and the Correlation Coefficient.
Nov. 19	11	2.5, 9.1, 9.2	Analysis of Frequencies in One-Way Classifications.
Nov. 24	11	2.5, 9.1, 9.2	Analysis of Frequencies in Two-Way Classifications.
Nov. 26	Project	Review	Project Discussion and Midterm Review.
Dec. 1	12	3.2, 14.1-.3	Introduction to One-Way Analysis of Variance.
Dec. 3	12	3.2, 14.1-.3,15.1-.2	More on One-Way and Some Two Way ANOVA.
Dec. 8	*** Final	Comprehensive,	4:00-6:00 p.m. Monday. ***

(About 60% of the content of the Final comes from the material covered since the Midterm.)

Grading Structure:

Mid Term Exam	35%
Final Exam	45%
Outside Assignments and Class Participation	9%
Other Verbal Assignment	1%
Project	<u>10%</u>
TOTAL	100%