

Course Syllabus for STA 4210 Regression Analysis Fall 2008, Section 9631

Class: MWF in Griffin-Floyd Hall room 100

Time: 2nd Period, 8:30-9:20AM

Course Website: <http://www.stat.ufl.edu/~rrandles/sta4210/index.html>

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Office Hours: 12:50-2:45 PM TTh

The objectives of this course are to investigate the purposes, methods and applications of regression. Emphasis is on what to apply and why it works. This course includes a chapter devoted to regression on time series data and forecasting based on the fitted model. Our goal is to make students functional in the use of the important scientific tool of regression. We use only the SAS statistical package.

Textbook: “Applied Linear Models” 5th Edition, by M. Kutner, C. Nachtsheim, J. Neter and W. Li (2005) McGraw-Hill.

Course Structure: The course will cover chapters 1-12 in the text and selected topics from chapters 13-14. Daily assignments will be given at the beginning of class and posted on the class website. These will include reading, homework exercises and focal points for that day’s lecture.

Quizzes and Homework: Quizzes are announced and brief. They cover the focal points of classes since the last quiz (or exam). Homework will be collected periodically. Everyone is expected to do every assignment. Homework is due at the class period on the due date. **NO LATE HOMEWORK WILL BE ACCEPTED FOR ANY REASON AND NO MAKEUP QUIZES WILL BE GIVEN FOR ANY REASON.**

Project: The project will be conducted by two (or less) person teams. Students will collect their own data and analyze it using regression. A one page (or less) project proposal is due on Monday, November 3. The completed project is due Monday, November 24. Each team member must participate in every aspect (data collection, data analysis, written report) of the project. Projects will be graded, but not returned.

	Exam 1 (Oct 01, tentative)	100 points
	Exam 2 (Nov 05, tentative)	100 points
Grading:	Final Exam (Monday, Dec 15, 7:30-9:30AM)	100 points
	Homework	40 points
	Quizzes (dropping your lowest 2)	40 points
	Project (due Nov 24)	<u>20 points</u>
		400 points

Grading Scale: Lower boundaries will not be higher than:

A= 400 – 360 B+ = 359 – 345 B= 344 – 320 C+ = 319 – 300 C= 299 – 270
D= 269 – 235 E= 234 – 0

ABOUT THE DEPARTMENT OF STATISTICS:

The Department of Statistics at the University of Florida is one of the nation's leading statistics departments. The Department awards approximately 15 Bachelors degrees, 14 Masters degrees, and 9 Ph.D. degrees per year. The Statistics Department, chaired by Professor Michael Daniels, has a faculty of 20 members whose research interests include both theoretical and applied statistics. We welcome inquiries about our programs. The Statistics Department's main office is 102 Griffin-Floyd Hall (telephone 392-1941).