

Syllabus Spring 2010

EXST7005 – Statistical Techniques I

Class Meets : Tuesday and Thursday from 9:00 to 10:30 AM in 145 Coates Hall		
Professor: JAMES P. GEAGHAN		
Office	149 Agriculture Administration Building	
Office hours	Tuesdays, 10:45 - 10:46 (or call for appointment anytime)	
Telephone	(225) 578 - 8303	
Internet materials	http://www.stat.lsu.edu/faculty/geaghan/jpghome.html	
Labs are held in Room 11, Ag Admin Bldg.		
Lab Instructor	TBA	
Office	Agriculture Administration Building	
Office hours	Scheduled by Lab Instructor	
Lab Times	(1) Tuesday 3:40 - 5:30, Wednesday (2) 10:40 - 12:30 & (3) 4:30 - 6:30	
Grading Points:	3 exams @ 100 points each	300
	1 final @ 150 points	150
	Quizzes: 2 Lab practicum @ 25 points each	50
	Quizzes: Daily quizzes on random dates @ 50 points total	50
	Weekly lab assignments scaled to 100 percentage points	100
	TOTAL	650
Exam Schedule:		
First Exam	Thursday, February 25, 2010 – Exam 1	
Second Exam	Thursday, March 25, 2010 – Exam 2	
Third Exam	Thursday, April 22, 2010 – Exam 3	
Final Exam	Tuesday, May 11, 2010 from 10:00 AM - 12 Noon	
Course Grading:	Score = $\frac{(\text{Exam1} + \text{Exam2} + \text{Exam3} + \text{Lab}\% + 0.5 * \text{Quiz}\% + 0.5 * \text{Practicum}\% + \text{Final})}{6.50}$	
Letter grade	Guaranteed minimum letter grade assignment	
	90 - 100 points, minimum grade of	A
	80 - 89.9 points	B
	70 - 79.9 points	C
	60 - 69.9 points	D

TEXT (recommended, not required): Freund, Rudolph J. and William J. Wilson. 2003. Statistical Methods, Academic Press, N.Y. (revised edition (1997) acceptable, 1993 edition unadvisable)

Catalog Course Description : *EXST7005 Basic concepts of statistical models and use of samples; measures of variation and central tendency; normal, t, chi-square, and F distributions; tests of hypothesis, analysis of variance, regression, and correlation; emphasis on field oriented life science research problems.*

Course outline

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		1997	2003
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