

SYLLABUS: EXST7037 - Multivariate Statistics – Fall 2007
Class meets in 234 Coates – Tuesday and Thursday from 9:00 to 10:30

Professor: JAMES P. GEAGHAN

Office	149 Agriculture Administration Building (also room 67)
Office hours	Tuesdays and Thursdays, 10:45 - 11:30 or call for appointment anytime
Telephone	388 - 8303
Internet materials	http://www.stat.lsu.edu/faculty/geaghan/jpghome.html

Grading Points:	2 exams count 100 points each	200
	1 final counts 150 points	150
	Poster projects (2 @ 50 points each)	100
	TOTAL	450

Event Schedule:

First Exam	Thursday, October 04, 2007
Poster 1 due	Thursday, October 25, 2007
Second Exam	Tuesday, November 20, 2007
Poster 2 due	Thursday, December 06, 2007
Final Exam	Friday, December 14, 2007 from 12:30 PM to 2:30 PM

Course Grading: (Exam1% + Exam2% + Homework% + 1.5*Final%) / 450 = SCORE

Letter grade assignment	Guaranteed minimum grade
90 - 100 points, minimum grade of	A
80 - 89.9 points	B
70 - 79.9 points	C
60 - 69.9 points	D

Catalog description: 7037 Multivariate Statistics (3) F Prereq.: EXST 7013 or 7014 or 7015 or equivalent; and knowledge of matrix algebra. Comparison of multivariate techniques and analyses; emphasis on discriminant analysis, factor analysis and principal component analysis, canonical correlation, cluster analysis, and multivariate analysis of variance.

TEXT: Johnson, R. A. and D. W. Wichern. 2002. Applied Multivariate Statistical Analysis, Fifth Edition. Prentice Hall, Upper Saddle River, NJ, 767pp.; Course Examples and Selected Notes

Also: Course notes from Dr. E. B. Moser, EXST 7037. Multivariate Statistical Data Analysis. 452 pp. Available at “Copies Too” on Nicholson Drive.