

FAYETTEVILLE STATE UNIVERSITY

School of Business & Economics

Department of Management

Spring 2011

FSU Policy on Electronic Mail: Fayetteville State University provides to each student, free of charge, an electronic mail account (username@uncfsu.edu) that is easily accessible via the Internet. The university has established FSU email as the primary mode of correspondence between university officials and enrolled students. Inquiries and requests from students pertaining to academic records, grades, bills, financial aid, and other matters of a confidential nature must be submitted via FSU email. Inquiries or requests from personal email accounts are not assured a response. The university maintains open-use **computer laboratories throughout the campus that can be used to access electronic mail.**

Rules and regulations governing the use of FSU email may be found at <http://www.uncfsu.edu/PDFs/EmailPolicyFinal.pdf>

II. Course Description: This course introduces statistical principles for business and economics applications. A study of multiple regression methods, analysis of variance, chi-square and elements of sampling, with training in statistical analysis with computer-based applications. Prerequisite: MATH 140.

III. Disabled Student Services: In accordance with Section 504 of the 1973 Rehabilitation Act and the Americans with Disabilities Act (ACA) of 1990, if you have a disability or think you have a disability to please contact the Center for Personal Development in the Spaulding Building, Room 155 (1st Floor); 910-672-1203.

IV. Textbook: Anderson, Sweeney and Williams. Essentials of Statistics for Business & Economics, Thomson /SW Publishing Co., Cincinnati, OH (2009).

Student Requirements:

Calculator (with symbol $\sqrt{\quad}$, logs)

Ruler

Pencil (#1)

Graph paper

VI. COURSE REQUIREMENTS AND EVALUATION CRITERIA

A. Grading

Test I	100
Test II	100
Test III	140
Test IV	100
Test V	160
Assigned Problems (10x10 pts)	100
In-class Exercises (10x10 pts)	100
Notebook	150
Participation	50

Participation:

Beside the usual responsibilities regarding participation, attendance and pre-class reading assignments, you should be willing to:

1. Become involved to the point action. (Don't sit Down -- get involved.)
2. Participate on a serious basis.
3. Come prepared to present each problem.

A well-organized Notebook with all the handouts contributes 15% to your grade.

The graded assignments test scores and participation will be used to determine student's final grade.

B. Grading Scale

The Standard FSU Grading Scale will be used:

A = 92-100

B = 83-91

C = 73-82

D = 64-72

F = 63 or less

I = Incomplete (not a grade)

C. Missed Work: a) Missed assignments will not be graded after they have been discussed in the classroom. b) Make-up exams are not available. However, if you plan not to take an exam, I will be happy to administer the test at my office. I can't have pending exams.

D. Attendance: Students are required to attend all classes regularly and to keep appointments when they are scheduled. Late arrivals and early departures should be avoided. Tardiness starts five minutes after attendance has been taken.

During the first eleven weeks of the semester, students enrolled in BADM 216 will be assigned a WN grade when

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- a) they miss two consecutive class sessions without giving **prior** notification to the instructor of the reasons for the absences;
- or
- b) their hours of unexcused class absences exceed 10% of the total number of contact class hours.

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It is the responsibility of each student to be informed of examinations at the time prescribed - by the instructor, and to turn in all assignments when they are due.

An absence does not relieve the students of any course requirements.

The FSU absence policy will be strictly enforced. (Undergraduate Catalog 2006-08, p. 58.)

***** Withdrawing from classes: Students are permitted to withdraw from no more than five classes with any impact on GPA. Hours counted as attempted hours.**

NB: Read (<http://catalog.uncfsu.edu/ug/academicregulations/classwithdrawal.htm>)

Please note: If these evaluation criteria must be revised because of extraordinary circumstances, the instructor will distribute a written amendment to the syllabus.

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Faculty expectations regarding classroom decorum or behavior.

1. Students are expected to arrive to class on time, remain in class until dismissed by the instructor, and refrain from preparing to leave class until it is dismissed.
2. Student/teacher relationships, as well as relationships among peers, must be respectful at all times.
3. Students are not permitted to wear headphones or other paraphernalia that may be distracting to the classroom environment.
4. Students must refrain from any activity that will disrupt the class; this includes turning off cell phones and pagers.
5. Students will not pass notes or carry on private conversations while class is being conducted.

Consequences for Failing to Meet Behavioral Expectations: The first time a student violates one of these rules, the instructor will warn him or her privately, either after class or before the next class. (Faculty members reserve the right to warn students publicly if needed.) The second time a student violates the guidelines, the instructor may deduct as many as twenty points from the student's next exam grade. If a student violates the guidelines three times, the instructor will report the student to the Dean of Students for disciplinary action according to the FSU Code of Student Conduct.

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VII. Academic Support Resources: TBA
VIII. Course Outline and Assignment Schedule

Week	Module	Topic	Reading	Problems
Wk 1	Introduction	Stat Field Overview Course Administration	Ch. 1, 2 Handout	
	Organizing Data for Analysis	Raw Data Continuous and Discrete Variables Cross Sectl. and Time series Data Frequency Distributions Components of Variation Graphs	Handout	
Wk 2	Measures of Central Tendency	Population and Samples Arithmetic Mean Weighted Arithmetic Mean Median, Mode, Arithmetic Mean Skewness	Ch. 3	TBA
Wk 3	Measures of Variation	Variance and Standard Deviation Coefficient of Variation	Ch. 3	TBA
Wk 4	Test I	XXXXXXXXXXXXXXXXXXXXXXXXXX	X	
Wk 5	Probability	The Rules Double-Entry Tables Conditional Probability	Ch. 4	TBA
Wk 6		Random Variable Expected Value Variance	Ch.5	TBA
Wk 7	Models	The Binomial Distribution The Poisson Distribution	Ch. 5	TBA
Wk 8	Test II	XXXXXXXXXXXXXXXXXXXXXXXXXX	XX	
Wk 10	Models	The Normal Distribution Applications	Ch. 6	TBA

Wk 11	Test III	XXXXXXXXXXXXXXXXXXXXXXXXXX	XXX	
Wk 11	Sampling	The Central Limit Theorem	Ch. 7	

Wk 12	Distributions	The Mean of the Means The Standard Error of the Mean	Handout	
Wk 13	Confidence Interval	Point Estimation of Mean Interval for Mean, Proportion	Ch. 8	TBA
Wk 14	Small Samples	The t-distribution	Ch. 8	TBA
Wk 15	Test IV	XXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX	
Wk 15	Simple Linear Regression	Types of relations Formatting relations Scatter diagram Regression Coefficient Prediction Applicattions	Ch. 13	TBA
Wk 16	Testing	Testing Hypotheses	Ch. 9 Handout	TBA
Wk 16	Review			
Wk 17	Exam V	XXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXX	

The assignments are due on W.

IX. Teaching Strategies. The course is based on lectures plus classes with exercises set on a regular basis. In the classes the exercise are discussed. Furthermore, training in stat tools for marketing, finance and accounting majors is provided.

The course will use the Excel and SPSS programs.

Bibliography:

D.C. Sancheti and V.K Kapoor, Statistics, Sultan Chand & Sons Co., New Delhi, India, (1992.)

M. Sobol & M. Starr, Statistics for Business and Economics, McGraw-Hill Co, NY, (1983.)

M. Berenson, D. Levine, R. Krehbiel, Basic Business Statistics, Pearson/ Prentice Hall, Upper Saddle River, NJ, (2009.)

D. Hildebrand, R. Ott & J. Gray. Basic Statistical Ideas for Managers, Thomson Co, Mason, OH, (2005.)

J. Whitaker & D. Johnson. Statistical Thinking in Business, CRS Press, Boca Raton, FL, (2006.)

My office is SBE 385. I have listed specific office hours, but I am here more often than that. You can stop in any time you can find me, or set up specific times not already listed. Please come and ask about anything that confuses you. Better yet, ask in class so every on can benefit.

MISSION OF THE SCHOOL OF BUSINESS & ECONOMICS

Fayetteville State University has a long tradition of providing educational access to a diverse student population, who are seeking a relevant learning experience in the liberal arts and professions. The School of Business & Economics builds upon the University's strong teaching orientation supplementing it with pedagogical and applied research. The School graduates students who possess a sound understanding of business concept and applications and who seek careers in management, government, and the professional disciplines. The School also serves the community as a catalyst for spurring economic development and assisting in economic education.
