BDS 5508
Statistical Analysis in Business
Summer 2008

Instructor: Steve Mitchell
Office: Bloch 336
Phone #: 816.235.2309
Email: mitchellste@umkc.edu
E-mail is the preferred method of communication

Grading: 4 tests @ 20% - 80%
2 projects @10% - 20%

Website: www.bloch.umkc.edu/faculty/mitchell

Office hrs: By appointment

Text: Anderson, D.R.; Sweeney, D.J.; & Williams, T.A.;
Modern Business Statistics with Microsoft Excel,
2nd Edition, South-Western, Cincinnati, OH; 2006

Course Objectives

The purpose of this course is to give students, primarily those in the fields of business and economics, a conceptual understanding of data analysis and how it may be applied to solving business related problems.

The course is basically applications oriented and geared to meet the needs of those students who are non-mathematicians. The prerequisites for this course are knowledge of algebra and spreadsheets.

At the end of the semester, students should be able to do the following:

- Work with quantitative data to make decisions
- Understand the concept of uncertainty measured through probabilities
- Determine probabilities using various techniques
- Make decisions using probability such as estimation and hypothesis testing
- Use spreadsheets to manage data, perform statistical procedures, and communicate ideas

Computer Skills

Microsoft Excel will be used in classroom instruction and homework. The computer lab in Room 110 has Excel available for your use.

Collaboration

Students are encouraged to work together and consult with each other outside of class concerning assignments. You must be able to work independently to be successful on the tests.

Grading policy

90 - 100%	A
80 - 89%	B
70 - 79%	C
60 – 69%	D
< 60%	F

The final grade could contain a slight curve.

GENERAL CLASS POLICIES

Class Attendance

Students are expected to attend each and every class. If you must miss a class for an emergency, please contact me via E-mail. You are responsible for obtaining and understanding the material covered during the missed class period. To this end, I recommend obtaining contact information with at least two students in the class so you can request a copy of their notes for the class period. Regular class attendance is one of the main drivers of successful test scores.

Inclement Weather

In the event of inclement weather, class cancellation is determined by UMKC central administration. Please consult the UMKC website should threatening weather conditions exist.

Tests

Do not miss tests. If due to a circumstance beyond your control you are unable to take a test when scheduled, contact me immediately. Make-up tests can be more difficult and are only given for valid reasons. You will be allowed to refer to the textbook and a calculator when you are taking the exams. You may also have one sheet of paper for your notes. No other materials may be used.

Blackboard

Blackboard will be used for class announcements, reminders, PowerPoint slides, handouts and posting of grades.

Academic Honesty

A student enrolling in any UMKC course is expected to exhibit high standards of academic honesty. In the case of an academic misconduct, I will assess the affected work and report the incident to Bloch School administration according to the guidelines printed in the University catalog. See student conduct policies at:

www.umkc.edu/umkc/catalog/html/append/policy/0020.html

Academic Honesty Cont'd.

Cheating and plagiarism will not be tolerated. Persons observed cheating on an exam will receive a grade of zero for that exam.

Syllabus Disclaimer

Time and schedule considerations may prompt modifications of this syllabus (deletion of assignments/topics, modification of exam dates, etc. Any changes will be explained however it is the student's responsibility to keep up with any modifications that are made throughout the semester.

Course Withdrawal

All course withdrawals must be completed through the Registration Center in the UMKC Administration Center. Students intending to withdraw from the course after the 8th week of class are required to obtain the signature of both the instructor and an academic advisor before the withdrawal is official.

Student Rights and Responsibilities

Please see the statement of student rights and responsibilities at http://bloch.umkc.edu/ba/syllabisupplement.html

Available Support Services

The University and the Bloch School offer a number of support services for students.

The Bloch School Computer Lab – Bloch 110. www.umkc.edu/is/oa/IS-Lab-Brochure.pdf

The UMKC Writing Lab Phone (816) 235-1146 at 5201 Rockhill Road

Office of Disabled Student Services – If you have a question about a disability or desire accommodation under the Americans with Disability Act, please contact this office at (816) 235-5696. The website is www.umkc.edu/disability.