

IDS270 -Business Statistics I Fall 2008

Instructor: Jian Su

Class Hours: TH 9:30am-11:15am

Room: DH 118

Office Hours: TH 11:30pm-12:30pm or by appointment, UH 2403

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Course Website: <http://blackboard.uic.edu/>

Required Textbook: The Practice of Business Statistics Using Data for Decisions (PBS) by Moore, McCabe, Duckworth and Sclove, 2003

Textbook Website: www.whfreeman.com/pbs

Statistical Software: Microsoft Excel, with appropriate Add-Ins.

Prerequisites: Math 160, IDS 100 and all other IDS & University requirements.

Course Description: Introduction to basic concepts and techniques in business statistics such as data displaying and description, linear regression, sampling, experiment design, basic probability theory, basic statistical inference, and so on.

Evaluation:

Homework:	10%
Quiz:	15%
Midterm:	35%
Final:	40%

Some Rules:

1. Honor Code: This course and its associated coursework are being administered under the policies of the University of Illinois at Chicago (UIC) College of Business Administration Honor Code, which is available at <http://www.uic.edu/cba/Faculty/academicaffairs/honorcode.html>. All students are expected to respect and uphold this code.
2. Homework: Homework will be assigned regularly. Your homework must be organized and clear. Points will be deducted if your homework is too sloppy or disorganized. Also, you must show a reasonable amount of work to get credit for each homework problem. I reserve the right to deduct points if you do not show a reasonable amount of work or analysis. **HOMEWORK MAY NOT BE SUBMITTED BY EMAIL.**
3. Late Homework. Late homework will only be accepted at the class following the due date of the homework and with a 20% of penalty.
4. Quizzes: There will be one quiz for each chapter. Quizzes will be given in regular class. The time will be announced in class. Quiz questions are based on your

homework. The one quiz with the lowest grade will be dropped when calculating your final grade. Hence there will NOT be make-up for quizzes.

5. Exam: If you miss the mid-term and have a valid excuse that can be documented, a make-up exam can be arranged. Otherwise you receive a zero for the mid-term.
6. Grading: Your grade for the course will be based on the weighted sum of total points possible. I may use a curve as I see it. The cut-points of the curve will be ENTIRELY at my discretion. If you have questions about the grading of your homework, quiz or exam, you should bring it back to me within two weeks since the day the material is returned to the class, otherwise it will NOT be accepted for re-grading.
7. Talking in Class: Excessive talking during lecture will not be tolerated. It is distracting to your fellow students and to the instructor. Students who persist in talking during lecture classes will be excused from the classroom.
8. Blackboard: The course website contains important information about this course such as lecture slides, assignments and the due dates, solutions and your grades. You are responsible for checking the website on a regular basis.
9. Email: I occasionally send out email to the class that is very important from the Blackboard system. You can alter your email address that the system sends to, but the default is your regular university email. You are responsible for changing your email address in Blackboard if you wish to.
10. Getting help: If you need help, please don't hesitate to ask.
- 11. You are responsible for the content of the class whether you actually attend the class or not.**

Tentative Schedule:

Week	Reading	Topics
1	Chapter 1	Examining Distributions
2	Chapter 1	Examining Distributions
3	Chapter 2	Examining Relationships
4	Chapter 2	Linear Regression
5	Chapter 3	Producing Data
6	Chapter 3	Producing Data
7	Chapter 4	Probability and Sampling Distribution
8	Chapter 4	Probability and Sampling Distribution & Mid-term
9	Chapter 6	Introduction to Inference
10	Chapter 6	Introduction to Inference
11	Chapter 7	Inference for Distribution
12	Chapter 7	Inference for Distribution
13	Chapter 8	Inference for Proportions
14	Chapter 8	Inference for Proportions
15	Chapter 9	Inference for Two-way Tables