Math 1442.4HY
MW 9:00 – 10:50, ET 122
Mathematical Statistics - Hybrid
01/18/2011 – 05/13/2011

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Welcome to Business Statistics! This sheet will tell you about the course, including subject matter, homework, quizzes, exams and term grade. Almost all of your questions about how the course will run can be answered by reading this handout. If anything is unclear, please do not hesitate to ask for clarification. ***Good Luck!!!***

Subject Matter
MATH 1442 provides an introduction to techniques of collection, presentation analysis and interpretation of numerical data. Stresses application of correlation methods, analysis of variance, dispersion, sampling, quality control, reliability, mathematical models and programming. The student will learn to select appropriate mathematical techniques and technologies and use skills in information organizing, processing, planning and problem solving. (SCANS 3, 6, 8, 9) Prerequisite: MATH 1324 passed with a "C" or better.

Learning Outcomes
After completing this course, the student should be able to demonstrate competency in:
1.0	Statistical concepts
2.0	Frequency distributions and graphs
3.0	Measures of central tendency
4.0	Measures of variation
5.0	Measures of probability
6.0	Normal probability distribution
7.0	Sampling distributions
8.0	Hypothesis testing for large samples
9.0	Hypothesis testing for small samples
10.0	Analysis of variance
11.0	Correlation analysis
12.0	Regression analysis

Required Materials
Textbook: <u>Statistics for Business and Economics</u> by McClave, Benson and Sincich, 11th Edition, Prentice Hall, 2011.
Software: MyMathLab (CourseID: cohlmia61937)
Supplies: Pencil, Paper, Scientific Calculator

Term Grade

Your term grade will be determined according to the following distribution:

	Quizzes	Labs	Exams 1-3	Final Exam
Percentage	15	15	15% total or 45% each	25
Drops	2	1	0	0

Quizzes will be given weekly on Wednesdays and will consist of previously assigned homework problems. As indicated above, your two (2) lowest quiz grades will be dropped before computing your term grade. ***There are no make-ups for missed quizzes***. Labs will be assigned through the MyMathLab software and will be completed online. The course will consist of 3 midterm exams. The final will be *comprehensive,* and it cannot be dropped. The final is scheduled for Wednesday, May 11 from 8:00 AM – 10:30 AM. Anyone who does not take the final exam will receive an F for the course.

Percentage (%)	Grade
90-100	A
80-89.9	B
70-79.9	C
60-69.9	D
Below 60	F

Homework

Homework will be assigned at the end of each class. Although homework will not be collected or graded, it is in your best interest to complete the assignments, as each of these problems is fair game for quiz questions. If you do your homework, you will have seen the quiz problems in advance.

Attendance

Although attendance is not factored into your term grade, attendance will be taken at the beginning of each class period.

Conduct

All students will be expected to abide by the Odessa College Code of Classroom Etiquette. I have provided a copy for you. If you fail to abide by these rules, you will be asked to leave the classroom or be removed completely from the class. A further list of class rules can be found on the class website. This is titled the *Understanding Sheet*, and it can be found on our course website at http://www.odessa.edu/dept/math/kcohlmia. Your signature on this page will be your first quiz grade in the class.

Cheating

Cheating is not tolerated in this class. The first time you are caught cheating, you will receive a 0 for that assignment. The second time you are caught cheating, you will be removed from the class permanently and receive an F for the course. If you are caught allowing someone to cheat from your work, the same punishment applies as that of the cheater.

Tutoring

Tutoring is available through Developmental Studies.

Special Needs
Odessa College complies with Section 504 of the Vocational Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. If you have any special needs or issues pertaining to your access to and participation in this or any other class at Odessa College, please feel free to contact me to discuss your concerns. You may also call the Office of Disability services at 432-335-6861 to request assistance and accommodations.

Learning Resource Center (The Library)
The Library, known as the Learning Resources Center, provides research assistance via the LRC's catalog (print books, videos, e-books) and databases (journal and magazine articles). Research guides covering specific subject areas, tutorials, and the "Ask a Librarian " service provide additional help.

Student Email
Please access your Odessa College Student E-mail, by following the link to either set up or update your account: http://www.odessa.edu/gmail/. **All assignments or correspondence will be submitted using your Odessa College email.**

Technical Support
For Blackboard username and password help and for help accessing your online course availability and student email account contact the Student Success Center at 432-335-6878 or online at https://www.odessa.edu/dept/ssc/helpdesk_form.htm.

Important School Policies
For information regarding student support services, academic dishonesty, disciplinary actions, special accommodations, or students' and instructors' right to academic freedom can be found in the Odessa College Student Handbook.