BUSSTAT 207
Introduction to Business Statistics
Spring Semester, 2008

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Office Hours:

Monday and Wednesday 1:30 – 2:30, 4:00 – 5:00
and by appointment

Course Objectives:

This course introduces you to the basic concepts of statistical analysis with an emphasis on how statistical tools are applied to assist in business decision-making. The course will cover the basic tools of used to describe data for the purposes of transforming data into information. In addition the course will present the fundamentals of statistical inference showing how it is possible to examine a small subset of data to reach conclusions about the larger set of data.

The statistical tools will be introduced from an applied perspective using many business related examples. Students will learn how to employ Microsoft Excel software to aid in their statistical analysis.

Text:

Required:

By Groebner, Shannon, Fry, and Smith

PHGrade Assist On-line Homework Access Code

Optional:

Prerequisites:
CIS 104-105 or pass the placement exam
Math 143 or Math 147 with grade of C- or better

Expected Course Outcomes:

Students who successfully complete this course with a grade of C or better should be able to:

- Formulate a plan for collecting sample information that may be analyzed using statistical tools
- Summarize and present data in an effective manner through graphs, charts, tables, and numerical measures
- Model and explain business data and relationships using probability as a tool
- Model and explain the results of random sampling in business using the binomial and normal probability distributions
- Develop and interpret confidence interval estimates for the characteristics of a single population and for comparisons of the characteristics of two populations
- Formulate and analyze statistical hypotheses about the characteristics of a single population or about the comparison of two populations
- Effectively communicate the results of a statistical analysis both orally and in writing
- Use Excel software as a tool to store, organize, analyze and present data

Students will be required to demonstrate competence in the above items through a variety of assessment techniques including applied examinations, short quizzes, assignments, and projects.

Login to Course Web Page at

blackboard.boisestate.edu

Note: If this is your first time to log into Blackboard, use your student ID number for both your User name and your password. If you have had other Blackboard classes, use your ID as your User Name and your own personal password from last semester.

Also, if you have a personal e-mail address, you will need to log into Bronco Web and make sure your e-mail will be forwarded to your personal e-mail address.
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    Population Values
April 21  Hypothesis Tests for One and two Population  Chapter 11
    Variances
April 28  *****Exam 3 (Chapters 8-11)
May 5    Chapter 1-11 Review
         Dead Week – Prepare for Final Exam

Exam Week Final Exam (Chapters 1-11)

    Section 001 May 12  3:30 – 5:30
    Section 004 May 13  6:00 – 8:00

Assignments:

Homework Assignments:

The text is loaded with homework problems. Homework Problems will be assigned for each chapter. On the due date, one problem from each chapter will be randomly selected to be graded. No late homework will be accepted. The low Homework score will be dropped.

Note, you may work together on Assignments, but you must turn in your own original work. Duplicate submissions will not be graded.

Quizzes:

We will be using an on-line system called PHGrade Assist for quizzes. There will be a quiz for each chapter. You will take these quizzes on-line. The lowest quiz score will be thrown out. You will be required to complete each quiz in a predetermined time period. No make-ups for quizzes are allowed. A missed quiz will count as your low score. You are not allowed to work together on the quizzes.
Educational Opportunities:

Exam 1 100 points
Exam 2 100 points
Exam 3 100 points
Final Exam 200 points
Homework Assignments 100 points
Quizzes 100 points

Total 700 points

* There will be no make-up exams. If you have a legitimate reason for missing an exam, the final exam will count 300 points rather than 200 points. You must take the final exam.

Grading Policy:

672 - 700 points = A+
651 –671 points = A
639 – 650 points = A-
609 – 638 points = B+
574 – 608 points = B
560 – 573 points = B-
539 – 559 points = C+
504 – 538 points = C
490 – 503 points = C-
430 – 489 points = D
Below 430 = F

Exams and term grades will not be curved. However, partial credit will be given for answers on exams that demonstrate a minimum level of understanding.
Key Dates To Remember:

February 4th       Last day to Drop without W on transcript
March 3rd         Last Day to Drop

Hints for Success In This Course:

   Attend Class and be involved
   Be Prepared ahead of class (read the material)
   Do as many chapter exercises as possible.
   Join a study group