

SMTH 102 - 004 Elementary Statistics I Spring 2009

Instructor : Dr. Bernard Omolo

Office: Hodge Center (HC) 239

Phone: 864-503-5362

Fax: 864-503-5390

Email: bomolo@uscupstate.edu (best way of contact)

Course homepage: <http://faculty.uscupstate.edu/bomolo/Spring2009.html>.

Office hours: TT 9:25 - 10:25 a.m.; other times strictly by appointment.

Text: *Understanding Basic Statistics (4th ed.)* by C. H. Brase & C. P. Brase (ISBN: 978-0-618-63227-5)

Location & Time : HC 256 8:00 - 9:15 a.m TTH

Prerequisites: High school Algebra I and II and an appropriate score on the Math Placement Test.

Course Description

USC Upstate Catalog Description: The fundamentals of modern statistical methods, descriptive and inferential statistics, probability and sampling; primarily for students in fields other than mathematics who need a working knowledge of statistics.

Topics to be covered will include those in Sections 1.1 - 1.3, 2.1 - 2.3, 3.1 - 3.3, 4.1 - 4.2, 5.1 - 5.2, 7.1 - 7.5, 8.1 - 8.2, 9.1 - 9.2 and 11.4 of the text, in that order. A graphing calculator, preferably a TI-83 or TI-83 Plus calculator, would be required for computations.

Course Objective

To provide an introduction to basic techniques of data analysis and interpretation for non-math majors.

Tentative Schedule

Jan 13-20: Sections 1.1 - 1.3
Jan 22-29: Sections 2.1 - 2.3
Feb 3-12: Sections 3.1 - 3.3
Feb 17-26: Sections 4.2 - 4.2; 5.1
Mar 3-6: Sections 5.2; 7.1
Mar 17-31: Sections 7.2 - 7.4
Apr 2-9: Sections 7.5; 8.1 - 8.2
Apr 14-21: Sections 9.1 - 9.2, 11.4
Apr 23: Review for Final Exam

Attendance Policy

- Regular attendance is expected as per university policy. An attendance roll will be taken each class session. Credit will be given for perfect attendance at the end of the semester.
- You will be responsible for all work covered in your presence and absence, including tests and any announcements.

Classroom Behavior

You are expected not to speak in class, unless you are asking the instructor a question or answering one from him. Do not eat in class! Any disruptive behavior in class will not be tolerated and could result in being sent out of class.

Assessment / Make-up Policy

- Homework problems will be assigned during each class. Most of them will be solved in class. Participation in the solution will earn extra credit.
- We shall have a chapter test for each chapter covered. Make-up tests will be given only with documented excuses.
- The Final Exam grade will replace the lowest test grade..
- Test: 100 points each; Final Exam: 200 points

Critical Dates

Mar 8-15: Spring break (no classes)

Apr 30: Final Exam (comprehensive) 8:00 - 11:00 a.m HC 256

Grading Scale

90-100: **A**;

86-89: **B+**; 80-85: **B**;

76-79: **C+**; 70-75: **C**;

66-69: **D+**; 60-65: **D**;

00-59: **F**.

Plagiarism / Academic Dishonesty

Your grade will be based on **your own** work. Cheating in any form is a violation of the Honor Code (available in the student handbook), and will be reported to the Dean of Students. A first offense will result in a zero for the homework/quiz/test. If the offense is not the first (whether in this class or another) the consequence will likely be more severe, including possible failure for the course.

Accommodation

Any student who, because of a disabling condition, may require special arrangements in order to meet course requirements should contact the instructor as soon as possible.

Disclaimer: This is a tentative syllabus. The instructor reserves the right to make changes as necessary!