

## SMTH 102 - 005 Elementary Statistics I Spring 2009

**Instructor :** Dr. Bernard Omolo

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**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 12:15 - 1:30 p.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 28: Final Exam (comprehensive) 11:30 a.m - 2:30 p.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!