

Course Syllabus

Stat 215 Statistics for the Behavioral Sciences I Fall 2010

Time: MWF 2:00 -3:15 p.m.

Room #: MS 214

Instructor: Stoyan Slavov, Ph.D. E-mail address: slavovs@ccsu.edu

Office: MS 219

Office Hours: 12:30-1:00 p.m , 3:15- 3:45 pm (MWF) and by appointment

Prerequisites: Math 101 (C- or higher) or Math Placement Exam

WARNING: You will NOT get credit for STAT 215 if you have already passed either STAT 104 or STAT 200.

Text: Elementary Statistics – A Step by Step Approach, 7th edition

Written by: Allan G. Bluman Published by: McGraw-Hill

Basic Goals of the Course:

To familiarize students with (a) descriptive statistics including methods of organization, presentation and calculations, (b) the related concepts of correlation and regression, (c) the idea of probability distribution and calculation of the mean, variance, and standard deviation, and (d) An introduction to inferential statistics including point and interval estimation and hypothesis testing

Topics and Reading for Class (in order covered):

Nature of Probability and Statistics *Read Sections 1-1 thru 1-5*

Organizing data (Frequency distributions and Graphs)

Read Sections 2-1 thru 2-3

Data Description: *Read Sections 3-1 thru 3-5*

Correlation: and Regression *Read Section 10-1 thru 10-3*

Probability: *Read Sections 4-1 thru 4-4*

Discrete Probability Distributions: *Read Sections 5-1 thru 5-3*

Normal Distribution: *Read Sections 6-1 thru 6-5*

Hypothesis Testing: *Read Sections 8-1 thru 8-4*

Confidence Intervals: *Read Sections 7-1 thru 7-3*

Calculator Policy:

The use of graphing calculators will be needed in this course.

The TI-83 Plus and TI-84 Plus are discussed in our textbook, so one of these is preferred.

Evaluation Policy:

Cumulative In-Class Final Exam (December 13, 2-4pm) 40%

In-Class Midterm Exam (October 25)

30%

Diagnostic Tests(30- 45 min)..... 20%

Independent Study (due on the final exam)..... 10%

(Homeworks will not be collected , but the most important problems will be explained at class)

Absence Policy:

You are responsible for learning the material that is covered, even if you cannot be in class .If you have valid reason to miss a graded work(test or exam) you have to let me know in advance and present documents and printed explanation of your absence .The validity of your reason will be determined on the basis of University policies. There will be no make-up for any missed without a valid reason diagnostic test. **You must take the final examination at the time specified**

Grade Percentage:

Score: 50-51 52-60 61-65 66-69 70-75 76-77 78-81 82-85 86-88 89-91 92-100

Letter Grade:

D- D D+ C- C C+ B- B
B+ A- A

Academic integrity: is the responsibility a student assumes for honestly representing all academic work. The standard is inherent in the philosophy of the university .Information on the policy may be found at :

<http://www.ccsu.edu/AcademicIntegrity/>

Weather emergency:

In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the “general snow message.”

Important dates: Look at: UNIVERSITY CALENDAR 2010-2011

(<http://www.ccsu.edu/page.cfm?p=2273>)

Disability accommodation:

Please contact me privately to discuss your specific needs if you believe you need course accommodations based on the impact of a disability, medical condition, or if you have emergency medical information to share. I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, room 241, Copernicus Hall if you are not already registered with them. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with your faculty.

Cell phones and other communication devices must be turned off at all times during class

SUBMITTED BY:

Stoyan Slavov, Ph.D.

August 22 ,2010