Course Syllabus

Statistics for Behavioral Sciences I (Stat 215) 3 credits  Fall 2015
Wednesday/Friday 9:25 to 10:40am  MS 105

Required Text:  Statistics for the Behavioral Sciences I - Stat 215  (9th ed)
By Allan G. Bluman
McGraw Hill  2014

Instructor:  Mr. John Wengertsman
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Office Hours:  Wed & Fri: 7:15am – 7:55am & 10:50am – 11:40am  MS219 (By Appointment)

Prerequisites:  Math 101 (C- or higher) or Placement Exam.
WARNING: You will NOT get credit for STAT 215 if you have already passed either STAT 104 or STAT 200.

Students for Whom the Course is Intended:  The Stat. 215-216 sequence is designed to meet the needs and program requirements of social and behavioral science majors.

Basic Goals of Course:  The primary objective of this course is to introduce students to the fundamental ideas of statistical inference. To reach this end, concepts and techniques of descriptive statistics (including measures of central tendency, variation and correlation), elementary probability, probability distributions and random sampling must be addressed.

Topics Covered:
A.  Summarizing data – frequency distributions and graphs
B.  Measures of central tendency, variability, and location
C.  Correlation and regression
D.  Probability Theory
E.  Probability distributions – binomial and normal
F.  Random sampling – sampling distributions
G.  Estimation and hypothesis testing

The topics above are covered in Chapters 1-8, and 10 in the text

Attendance Policy:  You are expected to attend (on time) and participate in all class sessions. Coming late to class is a disruption. You are responsible for all reading material assigned during the course of the semester, the content of the text and lectures, all assignments, and all materials distributed during the class sessions whether you are in attendance or not. Bring your textbook and calculator to every class.

Please turn off (power down) all electronic devices (cell phones, i-pods, etc.) before class.

While it may be tempting to discuss a mathematical problem with a colleague during class it may be disturbing to others trying to focus on the lecture. Please respect the other students in the class. If you do have a question, present it to the instructor.
**Homework:** I expect all homework assignments to be completed and kept in an organized notebook or folder. Homework is assigned at each class meeting. Understanding how I work a problem on the board is not the same as being able to do it yourself. Being able to do the statistics problems quickly and correctly on your own will be the key to success in this class.

**Course Evaluation:** There will be three exams (each worth the same) and a cumulative final. The exams determine the term average. The higher of the term average and the final exam will receive a 60% weight and the lower will receive a 40% weight. You must come to class to take all 4 exams. In general, make-up of a missed test is not allowed. Exceptions to this rule may be made for extraordinary circumstances. If a valid excuse is provided, to be determined by the instructor, then the grade for that part of the final exam will be substituted for the missed exam. Otherwise a zero will be assigned for that missed exam. Everyone must take the final exam to pass the course. Exams will be announced a week in advance. A calculator is necessary for the in-class exams.

A 94-100; A- 90-93; B+ 87-89; B 83-86; B- 80-82; C+ 77-79; C 73-76; C- 70-72; D+ 67-69; D 63-66; D- 60-62; F below 60

**University’s Academic Integrity Policy:** Any student who engages in any forms of academic misconduct will face disciplinary consequences. Academic sanctions can range from a reduced grade for the quiz or exam to a failing grade for the course. An Academic Misconduct Report may be filed, and a Faculty Hearing Board may impose sanctions such as probation, suspension, or expulsion. It is your responsibility to know the Student Code of Conduct (see http://www.ccsu.edu/page.cfm?p=4155) and the Policy on Academic Misconduct (see http://www.ccsu.edu/page.cfm?p=2468#Misconduct.)

**Additional University Policies:**
1. You must take the final examination at the time specified in the course selection book.
2. If you need course adaptations or accommodations because of a disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment as soon as possible.
3. In the event of weather emergency that requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the “general snow message” or check the CCSU web page.
4. The last day to withdraw from a course is Monday, November 23. Approvals for withdrawal are not required. However, it is strongly recommended that students consult with their academic advisors prior to deciding to withdraw. Cessation of attendance, notice to instructor, or telephone calls to the Enrollment Center are not considered official notice of a student’s intention to withdraw from the course.

After November 23, withdrawals are allowed only under extenuating circumstances and require approval of the course instructor, department chair and dean of the School of Arts and Sciences. Failure to withdraw properly from a course will result in a grade of F appearing on the transcript.

**Resources Available:**
1. If you need help, take advantage of instructor’s office hours. Do NOT wait until just before the test to do so.
2. The Learning Center (TLC) is located in Willard Hall, Suite 101 (860-832-1900). For more information, visit their website at www.ccsu.edu/learnctr/. Free tutoring is available as well as free on-line eTutoring. The tutorial schedule, which includes both day and evening hours, is posted in The Learning Center and online by the end of the add/drop period.
3. Form a study group with other students in your section. Explaining solutions to homework problems to each other is a good way to learn.
4. A list of private tutors for hire is available in the math department office, Room 128 Marcus White, 832-2835.

**Note:** Departures from this outline responsive to the needs of the students may be made at the discretion of the instructor.