Statistics for Behavioral Sciences I
STAT 215

3 credits  Fall 2020
M/W  8:45 – 9:55  (Webex Sessions)


Instructor: Frank Bensics
Office: NA
Office Hours: 3:00-4:00 M,T,W,Th Webex
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Prerequisite: MATH 101 (C- or higher) or MATH 102 (C- or higher) or MATH 103 (C- or higher) or placement exam.

Introductory treatment of research statistics used in behavioral sciences. Quantitative descriptive statistics, including frequency distributions, measures of central tendency and variability, correlation, and regression. A treatment of probability distributions including binomial and normal. Introduction to the idea of hypothesis testing. No credit given to students with credit for STAT 104, 108, 200, 314 or 315.

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.
1. Course Topics

Chapter 1  The Nature of Probability and Statistics:  1.1 -1.4
Chapter 2  Frequency Distributions and Graphs:  2.1 -2.3
Chapter 3  Data Description:  3.1-3.4
Chapter 4  Probability and Counting Rules:  4.1-4.5
Chapter 5  Discrete Probability Distributions:  5.1-5.3
Chapter 6  The Normal Distribution:  6.1-6.4
Chapter 7  Confidence Intervals and Sample Size:  7.1-7.3
Chapter 8  Hypothesis Testing:  8.1-8.4
Chapter 10  Correlation and Regression:  10.1-10.2

Final Exam: TBD

Evaluation Plan:
Test 1, 2, and 3  
(count highest 2)  40%
Homework  20%
Final exam  40%

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.

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 contact Disability Services.

3. The last day to withdraw from a course is Nov 17th. 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 is not considered official notice of a student’s intention to withdraw from the course.

After Nov 17 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:**

Contact The Learning Center (TLC) (860-832-1900). For more information, visit their website at [www.ccsu.edu/learnctr/](http://www.ccsu.edu/learnctr/). **Free** tutoring is available as well as free on-line eTutoring.