Stat 215
Statistics for Behavioral Sciences I

Department of Mathematical Sciences

READ THIS SYLLABUS CAREFULLY. YOU ARE RESPONSIBLE FOR KNOWING THIS INFORMATION!

Prerequisite: Successful completion of Math 101 with a grade of at least C- or exemption out of Math 101 as a result of the Math Placement Exam.

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.

Course Description: 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, confidence intervals, and hypothesis testing will be addressed.

Instructor: Mr. DiCicco

Email: rdicicco@ccsu.edu

Office: MS 211

Office Hours: TR 9:00-9:20 a.m. and TR 10:50 a.m. – 12:05 p.m. or by appointment


Coverage:

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

Class Meeting Times: TR 12:15-1:30 p.m. in MS 214 (Attendance will be taken)
**Course Requirements:** Attend and participate in class regularly, complete homework assignments as assigned, and take quizzes and tests as scheduled. A general rule for any college course is that you are expected to put in at least 2 hours of work outside of class for every hour in class.

**Calculator Use:** You will need at least a scientific calculator. I will be using a TI-84.

**Cell phones and other communication devices:** Must be turned off at all times during class.

**University Policies:**

1. You must take the final examination at the time specified in the course selection book which is Tuesday, May 10th, from 11:00 a.m. – 1:00 p.m. in our regularly scheduled classroom.

2. 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, Willard Hall, rooms 101-104, 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.

3. In the event of a weather emergency which requires curtailment or cancellation of classes, check the CCSU homepage under ‘Cancelations & Delays’ or listen to WTIC (1080 AM) or call (860)832-3333.

4. The **last day to withdraw** from a course is **Monday, April 18th**. 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 the instructor, or telephone calls to the Enrollment Center are not considered official notice of a student’s intention to drop the course.

   After April 18th withdrawals are allowed only under extenuating circumstances and require approval of the course instructor and the department chair. **Poor academic performance is not considered an extenuating circumstance.**

5. Central Connecticut State University strives to maintain our campus as a place of work and study for faculty, staff, and students that is free of all forms of prohibited discrimination and harassment based upon age; ancestry, color; gender identity and expression; intellectual disability; learning disability; mental disorder; physical disability; marital status, national origin; race; religious creed; sex, (including pregnancy, transgender status, sexual harassment and sexual assault); sexual orientation; or any
other status protected by federal or state laws. Any student who has concerns should contact the Office of Diversity and Equity (ODE) at 860-832-1652, Student Affairs at 860-832-1601, or his/her faculty member. The ODE is located on the main floor of Davidson Hall, room 102.

6. Central Connecticut State University (CCSU) will not tolerate sexual misconduct against students, staff, faculty, or visitors in any form, including but not limited to: sexual assault, sexual exploitation, sexual harassment or stalking, as defined in CCSU policies. For additional information, please consult the CCSU policies at http://www.ccsu.edu/page.cfm?p=1333. All faculty members and staff have a duty to report incidents of sexual harassment including sexual misconduct, intimate partner violence and stalking to Rosa Rodriguez, Title IX Officer, Office of Diversity and Equity, Davidson Hall, 102.

To file a report contact: Diversity and Equity (860-832-1652); Student Affairs (860-832-1602); Student Conduct (860-832-1667) or the University Police (860-832-2375).

For support and advocacy contact: Office of Victim Advocacy and Violence Prevention at 860-832-3795 or sarahdodd@ccsu.edu; Student Wellness Services at 860-832-1945 (confidential); Women’s Center at 860-832-1655; the local YWCA’s Sexual Assault Crisis Services Hotline at 860-223-1787 (confidential) and Prudence Crandall Center for Domestic Violence (confidential) at 888-774-2900 (24-hour hotline).

Resources Available:

1. If you need help, take advantage of my office hours. Do not wait until just before a test to do so.

2. The Learning Center is located in Room 101, Willard Hall. Free tutoring is available. A schedule for hours the Center is open will be posted soon after the beginning of the semester.

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 107, Marcus White, 832-2835.
Evaluation

Minimum averages have been established for each of these grades:

- A  93%
- B+  87%
- C+  77%
- D+  67%
- A-  90%
- B  83%
- C  73%
- D  63%
- B-  80%
- C-  70%
- D-  60%

The average for the course will be based on the following weights: There will be 3 exams given, one of which is the final. The 2 class exams will each count 22% and the final will count 26% of the final grade. Usually on Tuesdays there will be a short quiz given with problems taken from the prior Tuesday and Thursday homework assignments (numerical values in problems chosen might be changed). The lowest 2 quiz grades will be dropped and the resulting quiz average will count 22% of the final grade. The computer lab(s) will count the remaining 8%. The grade on the final, if to your advantage, will replace the lowest in-class test. **Note: There are no make-up exams or make-up quizzes allowed. Therefore, if one regular in-class exam is missed then the grade will be entered as a 0 and the grade on the final will replace that grade. If two in-class exams are missed or the final exam is missed the grade for the course will be an automatic F. Any quizzes missed exceeding the two that will be dropped, as indicated earlier, will be recorded as a 0.**

Homework will be collected and returned. **PLEASE NOTE THAT EXCEPT IN THE CASE OF EXTENUATING CIRCUMSTANCES HOMEWORK IS DUE AS ASSIGNED AND, IF RETURNED TO BE RESUBMITTED, MUST BE SUBMITTED WITHIN ONE WEEK OF BEING RETURNED. NO HOMEWORK WILL BE ACCEPTED FOR CREDIT AFTER THAT TIME.** The effect that homework will have on the final grade is as follows. If all homework assignments are acceptable when due or acceptable when resubmitted as indicated above then four points will be added to the final grade. If one homework assignment is missing then three points will be added to the final grade. If two assignments are missing then one point will be added to the final grade. If three assignments or more are missing there would be no change to the final grade.

Schedule of Important Dates: The tentative dates of the exams are 2/25, 4/7, and 5/10 (final exam from 11:00 a.m. -1:00 p.m. in our regularly scheduled classroom)