Course Title: Business Statistics I  STAT 200  3 credits

II. Textbook: STATISTICS FOR BUSINESS AND ECONOMICS by: David Anderson, Dennis Sweeney, Thomas Williams, Cengage Learning, 2013, 12e edition

III. Nearly all students taking STAT 200 do so because their program requires STAT 201. It is required that Business Students take MATH 101 with C- or better.

IV. Basic Goals of Course: To familiarize students with (1) descriptive statistics (especially the calculation of the mean and standard deviation and their uses) (2) idea of probability distribution involved in random sampling (3) introduction to hypothesis testing and estimation.

V. Topics Considered:
1) Summarizing data – measures of location and variation

2) Summarizing data – frequency distributions – graphs

3) Probability – mathematical expectation

4) Probability distributions – Binomial Poisson Normal

5) Random sampling

6) The behavior of sample means – the central limit theorem

7) Inferences about the mean – hypothesis testing, point estimation, confidence intervals (it is important that both hypothesis testing and confidence intervals are covered because STAT 201 assumes students have covered this).

8) Excel is used in both STAT 200 and STAT 201

NOTE: TOPICS ABOVE ARE COVERED IN CHAPTERS 1-9
Students with Special Needs: If you need course adaptations or accommodation 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 with me as soon as possible. I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact the Learning Center, Willard 101. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with your faculty.

In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1060 AM) or call (860) 832-3333 for the “general snow message.”

The last day to withdraw from a course is March 14. 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 3/14, 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.

Poor academic performance is not considered an extenuating circumstance. You are responsible for understanding and abiding by the University’s policy on academic integrity. Information on the policy may be found at http://www.ccsu.edu/AcademicIntegrity/. This policy is rigorously enforced by the Department of Mathematical Sciences.

Final Grade will be determined as follows: two semester exams given on March 11 and April 29 (50%), Computer assignment (20%) and May 11 Final Exam (30%). If you miss more than 3 days of class without proper documentation, you will fail the course.

Office Hours: Arranged (just before or just after class is best) WF- 10AM – 10:45AM

I can be reached at kinsellam@CCSU.EDU
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Central Connecticut State University is committed to providing a learning and working environment that emphasizes the dignity and worth of every member of its community. Sexual harassment (including sexual assault) in any form will not be tolerated. Sexual harassment" means unwelcome sexual advances, requests for sexual favors, and/or other verbal or physical conduct of a sexual nature. Such conduct has the purpose or effect of unreasonably interfering with an individual's work or academic performance or creating an intimidating, hostile, or offensive working or academic environment in any University activity or program. 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 (860-832-1601); 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)