I. Course Title: Business Statistics I
   STAT 200-10  3 credits

II. Textbook: MODERN BUSINESS STATISTICS  by: David Anderson, Dennis Sweeney, Thomas Williams, Jeffrey Camm, James Cochran, Michael Fry and Jeffery Ohlmann.

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
Assessment: Final grades will be based on: two semester exams 50% (10/14&11/18) and a final exam 30% (5/9, 5:30-7:30pm). One computer program 20%. I can be contacted at kinsellam@ccsu.edu Office hours: TR 7:10pm-7:55pm. Last day to withdraw from course 11/17. If any student wishes to drop the course, it is strongly advised that they do so on or before the 11/17. More than 3 absences will result in failing the course unless proper documentation is submitted.