Econ 3818--Intro to Econ Statistics SYLLABUS Spring 1991
Prof. Wesley Yordon
Office: EB 107, phone 492-4464
Hours MWF 10-10:50 or by appt.

Prerequisites: Six Business Math Modules 1050-1100, Econ 2010 & 2020 or equivalents.

Text: E. Mansfield, Statistics for Business & Economics (This syllabus is for the 3rd edition, but the 2nd is usable with adjustments in numbers.) You will also need the Mystat software disk and manual distributed by Norton.

Grading--Your term grade will be calculated two ways, and the higher one will be reported: (A) 10% for each of four quizzes, 40% for the final exam, 5% for the first two projects and 10% for the third; (B) 10% for each of the highest 3 quiz grades, 50% for the final exam, 5% for the first two projects and 10% for the third.

The possibility of discarding your worst quiz is adopted to eliminate the need for make-up quizzes for excused absences. It is NOT intended to allow you to skip a quiz because you're not prepared, and you are warned against skipping one of the first three because if you miss another for any reason the zero will be counted in your term grade. Because some students tend to delay their studying I must ask for written explanations (e.g., note from Wardenberg) from anyone who misses the first quiz. Opportunity to make up a missed final exam will be offered only to students who provide documented evidence of hospitalization, incarceration or other compelling excuses (but not to attend a wedding) and only if prior work and attendance have been satisfactory. Check your final exam schedule during the first week of the semester if you are concerned about the possibility of taking three exams on the same day, and make any desired schedule adjustment during drop-add period. Check your final exam schedule during the first week of the semester if you are concerned about the possibility of taking three exams on the same day, and make any desired schedule adjustment during drop-add period.

Note that a quiz is scheduled for Mar. 23 and make travel plans accordingly.

TO ALLOW FOR POSSIBLE ILLNESS OR OTHER PROBLEMS, THE DUE DATES SPECIFIED FOR PROJECTS ARE SET ONE WEEK AFTER THE DATE THAT THEY SHOULD NORMALLY BE TURNED IN, SO PLEASE PLAN YOUR WORK ACCORDINGLY AND DO NOT ASK FOR FURTHER EXTENSIONS. (You are warned that computer stations will be especially congested during the first week in May.)

Date Topics and Assignments

Jan 16-25 Introduction: descriptive statistics
Text 1.1 - 1.7 (chapter review p. 28), 2.1 - 2.6 (ch. rv. pp. 65-6), Appendices 2.1 & 2.2
Exercises 1.1, 1.2, 1.14, 1.20, 1.23, 2.1, 2.2, 2.4, 2.8, 2.11-2.15, 2.19, 2.23, 2.25, 2.29, 2.31, 2.38 c & d only.
(Exercises don't count directly in your grade, but quizzes and exam will resemble them so you must do the exercises to succeed.)

Jan 28-Feb 6 Probability
Text 3.1 - 3.5, 3.7 (ch. rev. pp. 105-6, #1-3)
Exer. 3.1-3.3, 3.5-3.8, 3.10-3.15, 3.18, 3.21, 3.30, 3.32, 3.33, 3.36, 3.44

FRIDAY, FEB 8 -- QUIZ #1 ON CH. 1-3 (If Boulder Valley Public Schools are closed because of snow quiz will be postponed to Monday.)
Apr 26-May 3  Confidence intervals and hypothesis testing for differences between two means or two proportions: determination of appropriate sample size
Exercises 7.25, 7.27, 7.36, 7.38, 8.21, 8.25, 8.33

FRIDAY, MAY 4 -- PROJECT #3 DUE BY 9 AM (10% off for each day late)

SATURDAY MORNING MAY 11 -- FINAL EXAM 8:00-10:30AM