

SYLLABUS

TEXT: Spence, J.T., et. al., Elementary Statistics, 4th ed., Prentice-Hall; plus workbook.

PREREQUISITE: MTH 100 or equivalent.

SCHEDULE: Lectures MWF 9:30, 146 Straub
Lab 12:30 Thursday or Friday, 142 Straub

OFFICE HOURS: Fagot, 321 Straub
Frohman, 474 Straub

EXERCISES: Due Mondays (unless otherwise announced); returned, graded, with key, Wednesdays (in class), or Thursdays (lab session)

BRIEF DESCRIPTION OF COURSE: This is intended as a first course in statistics with applications in psychology, and is required of psychology majors. The plan is to cover most of the text, with the emphasis in lectures on both basic theory and the development of statistical techniques useful in psychology. The labs will stress computation and problem solving and will provide (as needed) a review of lectures, exams, and exercises. We will follow the order of topics as laid out in the text.

GRADING: There will be two midterm exams, a make-up exam, and a final exam in addition to the required weekly exercises. Weighting is:

Exercises:	30%
2 Midterms:	40%
Final exam:	30%

DATE AND PLACE OF FINAL EXAM: 1015-1215 Wednesday, June 12, 1985

* See handout "Omissions and deferments"

Omissions and deferments (Spence)

1. Chapter 4: Omit: "Computation of median and other percentiles from frequency distributions"--pg. 46-50. But read "computation from ungrouped data" pg. 48-49.
2. Chapter 5: Omit: "Computation of S from raw scores" and "Raw-score formulas from grouped data" pg. 64-68.
3. Chapter 5: Defer "Z scores", pg. 68-73 until Chapter 8.
4. Chapter 10: Omit formula 10.7, pg. 172.
5. Chapter 12: Omit: "Computational Formulas for Finding Sums of Squares" pg. 204-207. Use definitional formulas (pg. 201-204) (Also use definitional formulas in "Calculated steps" pg. 211-215).
6. Chapters 13 & 15: Omit (probably).