

Econ 2090 Syllabus

Prof. M. Finney

Econ 2090 is an introductory statistics course for Economics and Technology majors. The course covers subjects such as summary measures of numerical information, the probability distribution and the concept of statistical inference. There is no assigned text. The course outline below corresponds to chapters in the text [*Statistics for Business and Economics*](#) (14th edition) by Anderson et al.

Econ 2090 section 1 meets in room SH 242 from 4:30 to 5:45pm Monday/Wednesday. My office hours are 3:00-4:00pm Monday/Wednesday; and 3:15-3:45pm Friday.

Office Location: Simpson Tower Room 909
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[Learning Outcomes](#)

I. Introduction to Statistics and Sampling [lecture](#)

Chapter 1

II. Frequency Distributions and Histograms [notes](#)

Chapter 2

III. Summary Statistics: Measures of Location and Dispersion [notes](#)

Chapter 3

IV. Elements of Probability [notes](#) [notes](#)

Chapter 4

[Midterm](#)

V. The Discrete Probability Distribution [notes](#) [notes](#) [problems](#)

Chapter 5

VI. The Continuous Probability Distribution [notes](#)

Chapter 6

VII. Sampling Distribution for the Mean and Proportion [problem](#) [notes](#)

Chapter 7

VIII. Confidence Intervals [notes](#)

Chapter 8

IX. Hypothesis Tests for the Population Mean [notes](#) [notes](#)

Chapter 9

[Final Exam](#)

A midterm and a final exam will be given. Two homeworks will be assigned. Five quizzes will be given. Each quiz will comprise ten (mainly true/false) questions. The lowest quiz grade will be dropped. You will also be given a computer assignment which will require the interpretation of summary statistics calculated from a data set.

Grade Distribution

Midterm – 33%	Final – 35%
Quizzes – 20%	Homework - 4%
Computer Assignment - 8%	

You are expected to take exams and turn in assignments on their due date.