

Prof. M. Finney

Econ 4910/5910 - Data Analysis, Reporting and Presentation

This course takes you through the steps of undertaking empirical research. We will review statistics concepts, paying close attention to the relationship between the researcher's initial hypothesis and the appropriate methodology used to test it. The course also covers the process of finding data and preparing a dataset for statistical analysis. The SAS statistical program will be used along with Excel. This course is designed to integrate statistics with the social science theory you have learned. There is no required text.

[Course Learning Outcomes](#)

Econ 4910/5910 meets in room SH C363 from 6:00 to 8:45pm Thursday. My office hours are 3:00 to 4:00pm Monday/Wednesday; 4:30 to 5:30pm on Thursdays.

Office Location: Simpson Tower Room 909
Phone: (323) 343-2937 (do not leave phone messages)
email: mfinney5@calstatela.edu

(Week 1) January 25

Introduction

[Statistics Review](#)

(Week 2) February 1

[Statistics Review](#)

(Week 3) February 8

Review Research Methodology

[Orchestrating Impartiality: The Impact of 'Blind' Auditions on Female Musicians,](#)

[Smog Reduction's Impact on California County Growth](#)

(Week 4) February 15

Finish Reviewing Research Methodology

Finding [Data Sources](#)

(Week 5) February 22

Introduction to the [Statistical Software, SAS](#)

First Quiz on Statistics Concepts and Methods

(Week 6) March 1

[Exercises using SAS](#)

(Week 7) March 8

[Exercises using SAS](#)

(Week 8) March 15

Finish [Exercises using SAS](#)

In-class Work on [Assigned Statistics Project](#)

Work on Formal Research Proposal

(Week 9) March 22

In-class Work on [Assigned Statistics Project](#)

Formal Proposal for [Independent Research Paper](#) Due

Quiz on SAS Software Program

(Week 10) April 5

In-class Work on [Assigned Statistics Project](#)

In-class Work on [Independent Research Paper](#)

(Week 11) April 12

Assigned Statistics Project Due

In-class Work on Independent Research Paper

(Week 12) April 19

In-class Work on Independent Research Paper

Second Quiz on Statistics Concepts and Methodology

(Week 13) April 26

In-class Work on Independent Research Paper

Assessment Test

(Week 14) May 3

In-class Work on Independent Research Paper

Oral Presentation of Independent Research Paper

(Week 15) May 10

Oral Presentation of Independent Research Paper

Grading Breakdown:

- A. Statistics Quizzes (15%) *the lowest quiz score will count 5%, the highest counts 10%*
- B. Quiz on using SAS (7.5%)
- C. Independent Research Proposal (2.5%)
- D. Assigned Statistics Project (25%)
- E. Independent Research Paper
(45% written paper, 5% oral presentation)

The assessment test will serve as extra credit. You may receive up to two points on your final numerical grade from the test.

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