INTRODUCTION TO STATISTICS FOR THE SOCIAL SCIENCES (3)

COURSE TIMES + LOCATION:

EXAM TIMES + LOCATION:

INSTRUCTOR:

PREREQUISITES:

Description

CALENDAR DESCRIPTION:

COURSE DETAILS:

<u>Mode of Teaching:</u>
Distance Education
This course will have some videos, all of which are asynchronous. There will be no live lectures.

This course may be applied to the Certi icate in Liberal Arts

Outline:

Descriptive Statistics (Chapters 1, 2, and 4 of text)

Probability (Chapters 3 and 12 of text)
Sampling (Chapter 8 of text)

Experiments and Observational Studies (Chapters 8 and 9 of text)

Inference (Chapters 15, 16, 17, 18)

Estimation and Testing for One Sample Problems (Chapters 20 and 22 of text)

Estimation and Testing for Two Sample Problems (Chapters 21 and 23 of text)
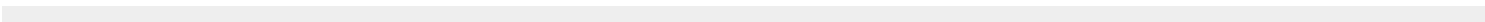
One Way ANOVA (Chapter 27 of text)

Chi-Square Tests (Chapters 6 and 25 of text)

Regression (Chapter 5 and 26 of text)

Data Ethics (Chapter 10)
Binomial Distribution (Chapter 14)

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