

COURSE OUTLINE

Introduction to Quantitative Methods in Geography

Office Hours: Monday 11:00 – Noon, 1:30 – 2:30 PM
Thursday 11:00 – Noon, 1:30 – 2:30 types of

data. Topics include descriptive statistics, probability distributions, hypothesis testing, confidence intervals, difference of means tests, analysis of variance (ANOVA), correlation, and simple linear regression. Lab exercises will involve applying these techniques to real world problems.

COURSE GOAL

The main objectives of this course are to provide you with the skills for:

- Organizing and describing data in an informative way;
 - Drawing inferences and constructing convincing arguments based on data analysis;
 - Evaluating arguments based on data analysis that appear in the geographic literature as well as the media.
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LEARNING OUTCOMES

- An ability to choose and apply appropriate statistical tests based on their underlying assumptions and limitations.
 - An ability to interpret, summarize and report the results from different statistical analyses.
 - Greater appreciation of statistics as tool for scientific research.
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	14% Thursday, February 8	Lab Exercises	32%
term Test 2	14% Monday, March 22		
Final Examination	40%		

LECTURE SCHEDULE

GRADING SYSTEM

A

As per the Academic Calendar:

Grade	Grade point value	Grade scale	Description
A+	9	90 100%	Exceptional, outstanding and excellent performance. Normally achieved by a minority of students. These grades indicate a student who is self initiating, exceeds expectation and has an insightful grasp of the subject matter.
A	8	85 89%	
A	7	80 84%	

