

**DEPARTMENT OF GEOGRAPHY
COURSE OUTLINE**

**Geog 226 – Introduction to Quantitative Methods in Geography
September 2016**

Instructor	Dr. Mark Flaherty flaherty@mail.geog.uvic.ca
Lecture Hours	Monday 9:00 AM – 9:50 AM Thursday 9:00 AM – 9:50 AM Room: Cornett A121
Office Hours	Monday 10-11 AM, 1:30-3:30 PM Thursday 10-11 AM, 1:30-3:30 PM Turpin B352
Lab Section Hours and Teaching Assistant	You MUST be registered in a Lab Section! Lab questions/problems should be addressed to your TA. Contact the Senior Lab Instructor (Kinga Menu) if your TA is unavailable. T 8:30 – 11:20 Lu, Wayne lu@uvic.ca HSD A160

Objectives

This course will introduce you to some of the most widely used methods for summarizing and analyzing different 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.

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 1(t)-2(a) of the Kinga Menu.

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.

**Late
Assignment
Policy**

Lab assignments are due at the beginning of the following lab. Penalty for assignments handed in more than 24 hours late is **10%** of the value of the assignment. Assignments that are one week late will not be graded. Only the course instructor can grant exceptions.

Course Evaluations

Mid-term Test	12%	Thursday, October 13	Lab Exercises	36%
Mid-term Test	12%	Monday, November 7		
Final Examination	40%			

A+	A	A-	B+	B	B-	C+	C	D	F
90-100%	85-89%	80-84%	77-79%	73-76%	70-72%	65-69%	60-64%	50-59%	0-49%

Readings and Course Help

Course Textbook A text is not required.

Lab Logon

Username: your UVic Netlink-ID

Password: your student number

Lecture Notes, and Lab Assignments Lecture note slides, lab assignments, and other resources available on Netlink. [Netlink](#) <</M<</M<</7 24.8
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Other Contacts Geography Departmental web site: <http://geography.uvic.ca/>
GEOPLAN planning guide: <http://www.geog.uvic.ca/moodle/> [Login as a guest]
Undergraduate Advisor: Dr. Phil Wakefield (pwakef@geog.uvic.ca)

Course Experience Survey (CES)

Towards the end of term, as in all other courses at UVic, you will have the opportunity to complete an anonymous survey regarding your learning experience (CES). The survey is vital to providing feedback to me regarding the course and my teaching, as well as to help the department improve the overall programme for students in the future. The survey is accessed via MyPage and can be done on your laptop, tablet, or mobile device. I will remind you and provide you with more detailed information as we approach the end of term.

THE UNIVERSITY OF VICTORIA IS COMMITTED TO PROMOTING, PROVIDING AND PROTECTING A POSITIVE AND SAFE LEARNING AND WORKING ENVIRONMENT FOR ALL OF ITS MEMBERS.