

**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 T 15:30 – 18:20 Paquette-Struger, Ben baps@uvic.ca HSD A160 W 12:30 - 15:20 Lu, Wayne lu@uvic.ca HSD A160 F 11:30 - 14:20 Paquette-Struger, Ben baps@uvic.ca HSD A160
Course Objectives	<p>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.</p> <p>The main objectives of this course are to provide you with the skills for:</p> <ul style="list-style-type: none">• 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.
Learning Outcomes	<ul style="list-style-type: none">• 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.
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 course materials can be downloaded from UVic's CourseSpaces website.

Username: your UVic Netlink-ID
Password: your UVic Netlink-ID password

These materials are intended as supplements to the lectures. They are not intended to replace the lectures.

Lab Access Laboratory operating hours can be found at <http://www.sfg.uvic.ca/hours.php>.

Printing Self-serve printing and photocopying are available using a prepaid-vend card that can be bought at all Student Computing Facilities.

Academic Standards Academic integrity requires commitment to the values of honesty, trust, fairness, respect, and responsibility. Plagiarism will be dealt with in accordance with university policy. Please review University Calendar for details (pages 33-34).

Students with a Disability If you have any type of disability, there are support systems, resources, and accommodation actions available to you. If you wish to access any of these, contact the Resource Centre for Students with a Disability (**RCSD**) (<http://rcsd.uvic.ca/>). Please note: **You are under no obligation to disclose your disability.**

Advice Some students have found lab assignments in this course to be challenging and/or time intensive. Please make sure that you schedule enough time to complete them.

Further Assistance MATHEMATICS AND STATISTICS ASSISTANCE CENTRE
<http://www.math.uvic.ca/~msassist/index.html>
Drop-in locations: Learning Commons location: Room 135, Mearns Centre for Learning AND Social Sciences & Mathematics (SSM) building location: A202, Main level.

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.