GEOG 2460: Analysis in Geography (Fall 2017)

Instructor Details

Instructor: Andrew Skelton

Instructor e-mail: skeltona@uoguelph.ca.

Office Hours: Tuesday (9:00-10:30), Thursday (1:30-3:00), MacNaughton Building 517.

Course Details

Department: Department of Geography.

Course Description: The application of modern techniques to geographic study. The interpretation of geographic phenomena by objective methods.

List of Topics: Sampling, Displaying Data and Descriptive Statistics, Probability, Sampling Distributions, One-Sample Inference on the Mean, Two-Sample Inference on the Mean, Chi-square Tests, ANOVA, Simple, Logistic and Multiple Linear Regression, Introduction to Spatial Statistics.

Credit Weight: 0.50 credits.

Prerequisites: 0.50 credits at the 1000 level in Geography.

Class Schedule and Location: Tuesday, Thursday (11:30-12:50), Landscape Architecture 204.

Lab Schedule:
• L01: Monday (3:30-5:20).
• L02: Tuesday (3:30-5:20).
• L03: Wednesday (11:30-1:20).
• L04: Wednesday (2:30-4:20).
• L05: Thursday (3:30-5:20).

Lab Location: All labs are held in Mackinnon 028.

Textbook: There are no textbooks required for this course. Additional resources and references will be provided in a convenient format when required.

Course Website: Blank lecture note sets, course announcements, lab assignments, solutions, practice questions and grades will be posted on the course website. https://courselink.uoguelph.ca. If there is a discrepancy between your posted grade and your assessment grade, it is your responsibility to notify the instructor.
Evaluation

Grade Breakdown:

- Test Component (70%)
  - 15% - Term Test #1 (Tuesday, October 3 in class)
  - 25% - Term Test #2 (Tuesday, October 31 in class)
  - 30% - Final Exam (Wednesday, December 7, 8:30-10:30am - location TBD)

- Lab Component (24%)
  - 24% - Lab Assignments, 8x3%
    (due Monday at 1pm: Sept 25, Oct 2,16,30, Nov 6,13,20,27)

- Lecture Component (6%)
  - 6% - In-Class Activities (Top Hat)
    (% of completed activities converted to grade out of 6 and rounded up to next whole number)

Note: You must pass the Test Component (at least 35 points out of 70, overall) to pass the course. If you do, your mark will be calculated as described above. If you do not, your final grade will be the percentage you received on the Test Component of the course.

Term Tests and Final Exam: An announcement will be made in class regarding the scope of material for the term tests. The final exam will cover all material taught in the course.

Lab Assignments: Lab assignments will be posted online. The lab assignment scheduling assumes that you will work on and complete the assignment during lab time. I strongly recommend that you do not leave the lab assignments to the last minute since there will be no time to ask for help if you are struggling. No late lab assignments will be accepted without appropriate documentation.

In-Class Activities: In-class activities are designed to help you interact with the material in class and develop a deeper understanding. They will take on a variety of forms and you will be informed in advance of anything you must bring to class.

Other Policies

E-mail Communication: As per university regulations, all students are required to check their <mail.uoguelph.ca> e-mail account regularly: e-mail is the official route of communication between the University and its students.

When You Cannot Meet a Course Requirement: When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons, please advise the course instructor (or designated person, such as a teaching assistant) in writing, with your name, id\#, and e-mail contact. See the undergraduate calendar for information on regulations and procedures for Academic Consideration.

Drop Date: The last date to drop one-semester courses, without academic penalty, is Friday, November 3. For regulations and procedures for Dropping Courses, see the Undergraduate Calendar.
**Copies of Out-of-Class Lab Assignments:** Keep paper and/or other reliable back-up copies of all lab assignments: you may be asked to resubmit work at any time.

**Accessibility:** The University of Guelph is committed to creating a barrier-free environment. Providing services for students is a shared responsibility among students, faculty and administrators. This relationship is based on respect of individual rights, the dignity of the individual and the University community's shared commitment to an open and supportive learning environment. Students requiring service or accommodation, whether due to an identified, ongoing disability or a short-term disability should contact the Centre for Students with Disabilities as soon as possible.

For more information, contact SAS at 519-824-4120 ext. 56208 or email csd@uoguelph.ca or see the web-site http://www.uoguelph.ca/cs

**Academic Misconduct:** The University of Guelph is committed to upholding the highest standards of academic integrity and it is the responsibility of all members of the University community – faculty, staff, and students – to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff and students have the responsibility of supporting an environment that discourages misconduct. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection.

Please note: Whether or not a student intended to commit academic misconduct is not relevant for a finding of guilt. Hurried or careless submission of lab assignments does not excuse students from responsibility for verifying the academic integrity of their work before submitting it. Students who are in any doubt as to whether an action on their part could be construed as an academic offence should consult with a faculty member or faculty advisor.

The Academic Misconduct Policy is detailed in the Undergraduate Calendar.

**Recording of Materials:** Presentations which are made in relation to course work - including lectures - cannot be recorded or copied without the permission of the presenter, whether the instructor, a classmate or guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.

**Resources:** The Academic Calendars are the source of information about the University of Guelph’s procedures, policies and regulations which apply to undergraduate, graduate and diploma programs.