GEOG 2460: Analysis in Geography
(Fall 2015)

TENTATIVE
Details subject to change - outline distributed in class will be the correct version.

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Department of Geography, University of Guelph

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

List of Topics
(1) Displaying data, (2) Descriptive statistics, (3) Probability, (4) Sampling, (5) One- and Two-Sample Statistical Inference, (6) Non-parametric testing, (7) ANOVA, (8) Simple and Multiple Linear Regression, (9) Other topics as time permits. This is a very general outline. A more detailed description of topics covered will be provided at the end of the course that can be used to establish course equivalency.

Credit Weight
0.50 credits

Prerequisites
0.50 credits at the 1000 level in Geography

Class Schedule and Location
Tuesday, Thursday (10:00-11:20), Rozanski Hall 103.

Office Hours
TBD, MacNaughton Building 517.

Lab Schedule and Location
L01: Thursday (12:30-2:20), Mackinnon 028. (TA: TBD)
L02: Wednesday (2:30-4:20), Mackinnon 028. (TA: TBD)
L03: Thursday (3:30-5:20), Mackinnon 028. (TA: TBD)
L04: Tuesday (3:30-5:20), Mackinnon 028. (TA: TBD)
L05: Monday (8:30-10:20), Mackinnon 028. (TA: TBD)
L06: Monday (3:30-5:20), Mackinnon 028. (TA: TBD)
L08: Friday (10:30-12:20), Mackinnon 028. (TA: TBD)

Textbook
There are no textbooks required for this course. Additional resources and references will be provided in a convenient format when required.
Course Website
All lecture note sets, course announcements, lab assignments, solutions, practice questions and grades will be posted on the course website. https://courselink.uoguelph.ca.

Pick up your graded assessments in class. If there is a discrepancy between your posted grade and your assessment grade, it is your responsibility to notify the instructor. You will be asked to resubmit your graded assessment.

Evaluation
30% - Lab Assignments (6; due at beginning of class on Sept 24, Oct 1, 15, 29, Nov 12, 26)
15% - Term Test #1 (Thursday, October 8 in class) 15% - Term Test #2 (Thursday, November 5 in class)
40% - Final Exam (Wednesday, December 16, 8:30-10:30am - location TBD)

The term tests and final exam are worth a total of 70 percentage points of your final grade. You must obtain at least 35 points out of these 70 points to pass the course (i.e. you must pass, on average, the non-assignment portion of the course). If you do not, your final grade will be the overall percentage you received on the term tests and the final exam.

Lab Assignments
Lab assignments will be posted online. The lab assignment scheduling will give you time to try the lab assignment on your own, work on the lab assignment in your assigned lab time, and come and ask questions before the lab assignment is due. 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. Lab assignments must be clear, organized and neat with all pages stapled together in order.

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.

E-mail Communication
As per university regulations, all students are required to check their jmail.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 6. 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 CSD at 519-824-4120 ext. 56208 or email csd@uoguelph.ca or see the website:
http://www.uoguelph.ca/csd/

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.