

Course Outline: **G2240A –Introductory Cartography** — Fall 2012
Dr. Micha Pazner
Department of Geography, The University of Western Ontario

LECTURE: Thursday 1:30-3:20 SSC 3018

LAB: (1) Monday 12:30-2:20 **OR** (2) Tuesday 10:30-12:20 SSC 1316A (The GIS Lab)

OFFICE HOURS: Course staff will be available for consultation during office hours (see below) and by special appointment.

Instructor: Dr. Micha Pazner: Office Hours: Tuesday 1:30-2:30, Thursday 4:30-5:30 or
by Appointment, Room 1416 SSC

Teaching Assistants (TAs): TBA, Office Hours: TBA

Calendar Description:

G2240A/B Introductory Cartography

Introduction to cartographic theory, map design and drafting, including practical experience with many methods of graphic representation of spatial data.

2 lecture hours, 2 laboratory hours, 0.5 course.

Please see appended *Course Schedule* outline diagram for Weekly Schedule of Lectures, Readings, Labs and Assignments.

REQUIRED MATERIALS:

Course Textbook: *Making Maps, A Visual Guide for Map Design for GIS*, Second Edition, 2011, John Krygier and Dennis Wood, Guilford Press, New York. (Cost \$ 54.50 at the Bookstore)

EVALUATION:

50% *Five (5) Assignments — (10%)*

30% *Two Mid Term Tests — (each worth 15%)*

20% *Final Project*

* Study the weekly readings and attend the lectures and labs. Active participation in lectures and labs, e.g. via questions and discussion, is encouraged. No in-class distracting electronic device use.

* You should observe all the due dates (see *Course Schedule* document). Deliverables are due during the lab hours of the scheduled due dates. If and when a late submission is accepted points will normally be taken off—the penalty being proportional to time elapsed. Plagiarism or copying is unacceptable. Retain a copy of all your deliverables; in case of loss, for reference, etc.

* For UWO Policy on Accommodation for Medical Illness:

http://www.uwo.ca/univsec/handbook/appeals/accommodation_medical.pdf Downloadable

Student Medical Certificate (SMC): <https://studentservices.uwo.ca> under the Medical Documentation heading

* Calculator and Drawing materials may be used during tests and examinations. No other electronic devices will be allowed.

* Do NOT commit scholastic offenses, eg. **Plagiarism**:

"Plagiarism: Students must write their essays and assignments in their own words. Whenever students take an idea, or a passage from another author, they must acknowledge their debt both by using quotation marks where appropriate and by proper referencing such as footnotes or citations. Plagiarism is a major academic offence (see Scholastic Offence Policy in the Western Academic Calendar)."

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following Web site: <http://www.uwo.ca/univsec/handbook/appeals/scholoff.pdf>.

Support Services

Registrarial Services: <http://www3.registrar.uwo.ca/index.cfm>

Student Development Services: <http://www.sdc.uwo.ca/>

If you or someone you know is experiencing distress, there are several resources here at Western to assist you. Please visit <http://www.uwo.ca/uwocom/mentalhealth/> for more information on these resources and on mental health.

INSTRUCTIONAL OBJECTIVES:

As a result of the Introductory Cartography course, students will be able to:

1. Provide definitions of key cartographic concepts mentioned in class and in the text.
2. Explain or relate, in short answer or in a mini-essay mode, cartographic concepts presented in the class or text.
3. Summarize and comment on a main lecture or text topic in an essay that may include examples and diagrams.
4. Provide a written initial assessment of a given set of cartographic objectives, data, processing tools, methods (techniques), and results.
5. Practise Cartography, i.e. map making and editing in a set of five assignments and a final project.
6. Design and Compile an aesthetic cartographic narrative layout (in small teams/groups).
7. Develop computer skills using software, including, system, geographic internet resources (incl. Google Earth), word processor, outliner, drawing software, and other — as aids for doing the assignments and term project.
8. Accompany assignments and term project with a brief narrative Report containing lucid explanation and commentary.

Geography 2240A Introductory Cartography— Fall 2012 (Pazner)

Course Schedule

Week (starting Mondays)	Lectures and Assigned Readings	Labs	Assignments and Final Project
1 Sept 3	Introduction	NO LAB	
2 Sept 10	1: How to Make a Map	Assignment 1 Brief	Assignment 1: Mapping Out in the Field
3 Sept 17	2: What's Your Map For?	Using The GIS Lab Assignment 1 Lab Clinic	
4 Sept 24	3: Mappable Data	Assignment 2 Brief	Assignment 2: Research Trip Map and Preliminary Site Map Assignment 1 is Due
5 Oct 1	No Lecture	Assignment 2 Lab Clinic	
6 Oct 8	4: Map making Tools Mid Term Test No. 1	No Labs This Week	
7 Oct 15	5: Geographic Framework Final Project Brief 1	Assignment 3 Brief	Assignment 3: Terrain Mapping of Area of Interest Assignment 2 is Due
8 Oct 22	6: The Big Picture of Map Design	Assignment 3 Lab Clinic	
9 Oct 29	7: The Inner Working of Map Design	Assignment 4 Brief	Assignment 4: Thematic Mapping of Research Site Assignment 3 is Due
10 Nov 5	8: Map Generalization and Classification Mid Term Test No. 2	Assignment 4 Lab Clinic	
11 Nov 12	9: Map Symbolization	Assignment 5 Brief	Assignment 5: Google Earth Map Data Mashup Assignment 4 is Due
12 Nov 19	10: Words on Maps	Assignment 5 Lab Clinic	
13 Nov 26	11: Color on Maps Course Wrap-Up	Final Project Brief 2	Assignment 5 is Due
14 Dec 3	No Lecture	Final Project Clinic	Final Project Hand-In: 4:30-5:30 pm Thursday December 13, 2012 Room 1416 SSC (Paz's Office)