

DEPARTMENT OF GEOGRAPHY - UNIVERSITY OF VICTORIA
COURSE HANDOUT - GEOGRAPHY 323

DIGITAL CARTOGRAPHY
Spring 2015

The University of Victoria is committed to promoting, providing and protecting a positive and safe learning and working environment for all its members.

Instructor Dr. Ian J. O'Connell, (ianoc@uvic.ca) SS&M B322, Local 7338

Lab Instructor John Fowler (Senior Lab Instructor)

Class time Tuesday 10:30 - 11:20 COR A129
Wednesday 10:30 - 11:20 COR A129

Office Hours See CourseSpaces or by appointment

Pre-requisites Geog 222 and Geog 226

Course Objectives introduces the art and science of cartography;
consolidate understanding of fundamentals of geographic information;
introduce thematic mapping;
introduce map design concepts;
complete a map design and creation project

Learning Outcomes overview of the history and evolution of cartography;
ability to apply core concepts in thematic map design;
proficiency in the use of CorelDraw to produce thematic maps.

Warning This class includes both labs and a final project. The final project takes considerable time to complete. However, with sufficient planning the task should not be onerous. Much of the work for the project occurs in the last third of the semester. Please make sure you schedule your time effectively.

Academic integrity requires commitment to the values of honesty, trust, fairness, respect and responsibility. It is expected that students, faculty members and staff at the University of Victoria, as members of an intellectual community, will adhere to these ethical values in all activities related to learning, teaching, research and service. Any action that contravenes this standard, including misrepresentation, falsification or deception, undermines the intention and worth of scholarly work and violates the fundamental academic rights of members of our community. Students are advised to consult the university's Policy on Academic Integrity in the University Calendar. The instructor reserves the right to use plagiarism detection software programs to detect plagiarism in term papers.

Course Components

Class Meetings Class will meet on a regular basis twice a week. Attendance in class is expected in order for you to understand and complete lab assignments, and to pass examinations. *No audio or video recordings of class are permitted without prior written consent of the course instructor.*

Labs This course includes 6 graded lab assignments and a final project. **You will have space on our servers to complete assignments – only materials relating to 323 can be stored – no personal or private material allowed. All assignments must be submitted digitally (to your Z drive) as well as in hard copy.**

Examinations There will be a midterm and a final examination.

Course Evaluations and Deadline Dates

Component		Value	Dates
A	Lab assignments (6)	25%	Weekly (See Below)
	Project submission	20%	Monday March 30th (11.59AM)
B	Mid term	15%	Wednesday 18th February
	Final	40%	Exam Period

Late Assignments

Lab assignments are due at the **beginning** of your scheduled lab time. Deadline for submission of lab assignments will be given to you during labs. Students submitting labs late will be penalized. The initial late penalty is **25%**. For every day after that, you will lose **25%** per day. An 'N' grade is given when a student has missed one or more components of a course and does not reach a passing grade. **Failure to complete assignments (Labs), an exam (midterm, final project or final) without permission from the instructor will result in an 'N' grade, which equals a Grade Point Value of 0).** Exceptions will only be granted for medical reasons (requiring a written report from a medical practitioner as soon as possible stating your inability to attend class). The written report must be submitted as soon as possible. The course instructor can only grant exceptions.

Readings and Course Help

This course has no required text. However, readings will be assigned in class. This will happen weekly, and these readings will constitute material that is examinable. Some references will be websites.

LECTURE HANDOUTS

Topic handouts based on lecture presentations will be provided. They will be posted on CourseSpaces the evening before the next lecture. Topic handouts will be removed 7 days after the posting date. Students are responsible for downloading/saving and completing notes packages. If you miss any material please make arrangements to get handouts from a fellow student, not the instructor.

Electronic devices for use during exams are limited to non-graphing scientific calculators unless otherwise expressly permitted by the course instructor.

Tentative Course Outline

1. Introduction and Overview
2. Thematic Mapping
3. Thematic mapping of Points
4. Thematic mapping of Lines
5. Thematic mapping of Polygons
6. Classification Schemes
7. Typography
8. Colour and its relevance to Cartography
9. Introduction to Topographic Mapping
10. History of Cartography

Lab Outline and Dates

Date (Week Beginning) Lab

12th January	LAB 0 : Introduction to CorelDRAW (0%)
19th January	LAB 1: Map Making with CorelDRAW (2%)
26th January	LAB 2: Proportional Symbols (4%)
2nd February	LAB 3: Thematic Mapping Techniques (5%)
16th February	LAB 4: Choropleth Mapping(5%)
23rd February	LAB 5: Text Placement (4%)
2nd March	LAB 6: Journalistic Mapping (5%)

9th March

16th March Project Work

23rd March

GRADING INFORMATION

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%

Course Experience Survey (CES)

I value your feedback on this course. 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 program 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 nearer the time but please be thinking about this important activity during the course.

Students with diverse learning styles and needs are welcome in this course. In particular, if you have a disability/health consideration that may require accommodations, please feel free to approach me and/or the Resource Centre for Students with a Disability (RCSD) as soon as possible. The RCSD staffs are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations <http://rcsd.uvic.ca/>. The sooner you let us know your needs the quicker we can assist you in achieving your learning goals in this course.