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, DTB B322, Local 7338)

Class time  Monday 11:30 - 12:20 DTB A110
Thursday 11:30 - 12:20 DTB A110

Labs  DTB A251/DTB A253

Office Hours  See CourseSpaces or by appointment

Course Objectives  introduce fundamentals of geographic information;
introduce different types of maps and map reading;
introduce Geographic Information Systems;
gain familiarity with GIS software;
introduce digital mapping; and
introduce GIS applications.

Learning Outcomes  ability to complete continuous and discrete geo-referencing;
ability to read and calculate scales;
ability to understand, evaluate and select suitable map projections;
basic hands-on GPS experience;
ability to classify geographic information;
ability to differentiate between different types of maps;
describe how GIS can be used to solve problems;
ability to explore GIS data, metadata and maps;
basic digital GIS map skills;

Warning  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.

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 are permitted unless approved in writing (in advance) by the course instructor.
Labs/Lab Exam  This course includes 8 graded lab assignments and 1 graded Lab Exam. You will have space on our servers to complete assignments – only materials directly relating to Geog222 can be stored – absolutely no personal or private material allowed.

Examinations  There will be one mid-term and a final examination.

Readings and Course Help

This text has been custom designed for Geog222. Readings will be assigned weekly; Other online resources may also be posted. The textbook readings, posted readings, along with lecture material and lab materials, will constitute material that is examinable.

I will try to make available copies of the slides etc. before the beginning of class. These copies will be placed online on CourseSpaces (Please make sure that you have a UVic NETLINK ID to access these).

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

Course Evaluations

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<thead>
<tr>
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<th>Value</th>
<th>Dates</th>
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<tbody>
<tr>
<td>Lab Assignments</td>
<td>30%</td>
<td>Weekly at end of Lab time (See below)</td>
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<tr>
<td>Lab Exam</td>
<td>10%</td>
<td>Week of 24th November</td>
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<tr>
<td>Midterm</td>
<td>20%</td>
<td>Thursday 16th October</td>
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<tr>
<td>Final Exam</td>
<td>40%</td>
<td>Exam Period – See Calendar for details</td>
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Lab Schedule (week of)
LAB 1: Map Projections and Coordinate Systems  (4%)  Sept 8th
LAB 2: Scale  (4%)  Sept 15th
LAB 3: Introduction to ArcGIS  (4%)  Sept 22nd
LAB 4: Data Collection and Presentation  (3%)  Sept 29th
LAB 5: Attribute and Spatial Queries  (3%)  Oct 6th
Thanksgiving  Oct 13th
LAB 6: Buffer  (4%)  Oct 20th
LAB 7: Overlay  (4%)  Oct 27th
LAB 8: Raster Analysis  (4%)  Nov 3rd
Reading Break  Nov 10th
Lab Review  Nov 17th
LAB EXAM  (10%)  Nov 24th
Late Assignments

Lab assignments are due at end during your scheduled lab time. 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 an exam (midterm, lab exam 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.

University Grading Scale

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<thead>
<tr>
<th></th>
<th>A+</th>
<th>A</th>
<th>A-</th>
<th>B+</th>
<th>B</th>
<th>B-</th>
<th>C+</th>
<th>C</th>
<th>D</th>
<th>F</th>
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<tbody>
<tr>
<td>Grade</td>
<td>90-100%</td>
<td>85-89%</td>
<td>80-84%</td>
<td>77-79%</td>
<td>73-76%</td>
<td>70-72%</td>
<td>65-69%</td>
<td>60-64%</td>
<td>50-59%</td>
<td>0-49%</td>
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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.

Geography Departmental web site: http://geography.uvic.ca/
GEOGPLAN planning guide: http://www.geog.uvic.ca/moodle/ [Login as a guest]
Undergraduate Advisor: Dr. Phil Wakefield (philw@geog.uvic.ca)
Graduate Advisor: Dr. Reuben Rose-Redwood (redwood@uvic.ca)

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.