

## GEOGRAPHY FINAL COURSE OUTLINE: WINTER 2021

### GEOGRAPHY 280 GFC HOURS (3-1/2T)

#### Thinking Spatially in a Digital World

Section	Location	Meeting Time	Meeting Day
LEC	Web Based Course	N/A	None – all asynchronous
TUT01 – TUT 07	Web Based Course	N/A	None – all asynchronous

Instructor: Paul Nesbit	Office: ES 922
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#### Official Course Description

Introduces mapping technologies and digital spatial data for solving geographical problems that focus on how to collect, manage, analyze, and communicate diverse spatial data. Topics include geographic information systems (GIS), remote sensing, spatial statistics, geovisualization, cartography, and web mapping.

#### Course Objectives

The goals of this course are to explore spatial thinking and introduce geospatial technologies that underpin contemporary digital society. Together, we will examine the use of geospatial data and technologies in everyday life. Some key applications include recreation, disaster management, climate change, public health, and more. Topics will highlight how these modern technologies enhance our understanding of the world around us and create ethical challenges in representations and privacy.

#### Course Learning Outcomes

The Department of Geography is committed to student knowledge and skill development. The table below lists the key learning outcomes for this course, the program-learning outcomes to which they contribute, and the expected level of achievement.

Course Learning Outcomes	PLO(s)*	Level(s)**
Consider how maps represent, create, and recreate places and spaces	1, 2	1
Describe how knowledge is produced through geospatial technologies and practices	1, 2	1
Describe geospatial technologies and practices	4, 5, 6	1
Recognize geospatial-related applications	4, 6	1
Apply industry standard software to perform basic mapping tasks	3, 6	1
Generate an applied mapping project	6, 7, 8	1

*\*PLOs = Program Learning Outcomes: 1 = reflect and communicate diverse human-environment perspectives, 2 = identify and explain human-environment processes, 3 = implement sampling, data collection, analyses and communication methods, 4 = analyze spatial and temporal aspects of human-environment systems, 5 = employ knowledge, arguments, and methodologies for solving human-environment problems, 6 = evaluate geospatial data and manipulate it to create cartographic products, 7 = communicate geographic concepts using oral, written, graphic, and cartographic modes, and 8 = demonstrate literacy skills.*

*\*\*Levels: 1 = Introductory, 2 = Intermediate, and 3 = Advanced.*

#### Prerequisites

No prerequisite required.

## Learning Resources

There is no required textbook for this course. A bibliography of required readings and resources (e.g., online readings and/or videos) will be assigned for each topic (Module) and posted to Desire2Learn (D2L)

## Learning Technologies and Requirements

In order to successfully engage in their learning experiences at the University of Calgary, students taking online, remote and blended courses are required to have reliable access to the following technology.

- A computer with a supported operating system, as well as the latest security and malware updates
- A current and updated web browser
- Webcam (built in or external)
- Microphone and speaker (built-in or external) or headset with microphone
- Broadband internet connection

## Grading (Weighting)

Assessments	Weight	Notes
<b>Weekly Quizzes</b> (best 10 of 12*)	20%	<ul style="list-style-type: none"><li>• Untimed</li><li>• Weekly (available on D2L for 7 days)</li><li>• Posted Mon @ 8:00am <b>due following Mon @ 7:59am</b></li><li>• <i>*Drop your lowest 2 quiz scores</i></li></ul>
<b>Discussion Board Engagements</b> (8)	20%	<ul style="list-style-type: none"><li>• Weekly (until Mar 12)</li><li>• Posted to D2L on Mon – <b>due Fri of same week</b></li></ul>
<b>Tutorial Assignments</b> (6)	30%	<ul style="list-style-type: none"><li>• <b>Tutorial Assignment #1</b><ul style="list-style-type: none"><li>○ Available Mon Jan 18 (due Feb 1 @ 7:59am)</li></ul></li><li>• <b>Tutorial Assignment #2</b><ul style="list-style-type: none"><li>○ Available Mon Feb 1 (due Feb 8 @ 7:59am)</li></ul></li><li>• <b>Tutorial Assignment #3</b><ul style="list-style-type: none"><li>○ Available Mon Feb 8 (due Feb 22 @ 7:59am)</li></ul></li><li>• <b>Tutorial Assignment #4</b><ul style="list-style-type: none"><li>○ Available Mon Feb 22 (due Mar 08 @ 7:59am)</li></ul></li><li>• <b>Tutorial Assignment #5</b><ul style="list-style-type: none"><li>○ Available Mon Mar 08 (due Mar 22 @ 7:59am)</li></ul></li><li>• <b>Tutorial Assignment #6</b><ul style="list-style-type: none"><li>○ Available Mon Mar 22 (due Apr 5 @ 7:59am)</li></ul></li></ul>
<b>Group Project</b>	30%	<ul style="list-style-type: none"><li>• <b>Part I</b> – Form a group and Initial plan (10%)<ul style="list-style-type: none"><li>○ Due Fri Mar 19 @ 4:59 pm</li></ul></li><li>• <b>Part II</b> – Team contract (10%) and Proposal (10%)<ul style="list-style-type: none"><li>○ Due Fri Mar 26 @ 4:59 pm</li></ul></li><li>• <b>Part III</b> – Final submission (60%) and Peer Evaluation (10%)<ul style="list-style-type: none"><li>○ Due <b>Thu</b> Apr 15 @ 4:59 pm</li></ul></li></ul>

Notes:

- There will NOT be a registrar-scheduled final exam in this class.
- It is not essential to pass all elements/components to pass the course as a whole.

### Policy on Late Assignments

- Discussion Board Engagement assignments – missed deadlines for Discussion Board Engagements will be given a score of ZERO. These assignments require working with your peers and timeliness is essential, therefore there will be NO alternative arrangements to make up missed discussion board engagement assignments.
- Weekly D2L quizzes, Tutorial Assignments and Group Project components – these will be submitted through D2L and will be automatically timestamped. These components will be considered late if the timestamp is later than the due date/time. Deliverables received within 1 minute to 24 hours of the due date will be assessed a 20% penalty. This means if your assignment receives a grade of 88% it will be entered as 68% ( $88 - 20 = 68$ ) on the grade sheet. If it is received between 24 and 48 hours, it will be assessed a 40% penalty. If the assignment is received greater than 48 hours from the due date it will be assessed a penalty of 60%, and so forth.
- Quizzes – note your lowest (2) quiz scores will be dropped (and NOT counted towards your final grade). This can include low quiz scores OR unattempted/missed quizzes that would otherwise count as a ZERO.
- If you miss one of the course component deadlines and possess a legitimate excuse, email Dr. Nesbit (for quizzes or Group Project components) or the TA (for tutorials) as soon as possible (preferably before the deadline). If the justification is accepted, you may be granted an extension.

### Grading System

96 – 100	A+	77 – 80	B	59 – 61	C-
90 – 95	A	71 – 76	B-	55 – 58	D+
86 – 89	A-	65 – 70	C+	50 – 54	D
81 – 85	B+	62 – 64	C	0 – 49	F

### Supplementary Fees

No supplementary fee has been assessed for this course.

***For additional detailed course information posted by the instructor, visit the course Desire2Learn page online at <https://d2l.ucalgary.ca/d2l/home>.***

## ***SUPPLEMENTAL INFORMATION***

### Principles of Conduct

The University Calendar includes a statement on the principles of conduct expected of all members of the university community (including students, faculty, administrators, any category of staff, practicum supervisors, and volunteers), whether on or off university property. This statement applies in all situations where members of the university community are acting in their university capacities. All members of the university community have a responsibility to familiarize themselves with the principles of conduct statement, which is available at: [www.ucalgary.ca/pubs/calendar/current/k.html](http://www.ucalgary.ca/pubs/calendar/current/k.html).

### Plagiarism, Cheating, and Student Misconduct

The University of Calgary is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect.

Academic dishonesty is not an acceptable activity at the University of Calgary, and students are **strongly advised** to read the Student Misconduct section in the University Calendar at: [www.ucalgary.ca/pubs/calendar/current/k-3.html](http://www.ucalgary.ca/pubs/calendar/current/k-3.html). Often, students are unaware of what constitutes academic dishonesty or plagiarism. The most common are (1) presenting another student's work as your own, (2) presenting an author's work or ideas as your own without adequate citation, and (3) using work

completed for another course. Such activities will not be tolerated in this course, and students suspected of academic misconduct will be dealt with according to the procedures outlined in the calendar at:

<https://ucalgary.ca/policies/files/policies/student-academic-misconduct-procedure.pdf>

### **Instructor Intellectual Property**

Information on Instructor Intellectual Property can be found at

<https://www.ucalgary.ca/policies/files/policies/Intellectual%20Property%20Policy.pdf>

### **Freedom of Information and Protection of Privacy**

Freedom of Information and Protection of Privacy (FOIP) legislation in Alberta disallows the practice of having students retrieve assignments from a public place, such as outside an instructor's office, the department office, etc. Term assignments will be returned to students individually, during class or during the instructor's office hours; if students are unable to pick up their assignments from the instructor, they must provide the instructor with a stamped, self-addressed envelope to be used for the return of the assignment.

### **Human subjects**

Students will NOT participate as subjects or researchers on human subjects.

### **Guidelines for Zoom Sessions**

Zoom is a video conferencing program that will allow us to meet at specific times for a "live" video conference, so that we can have the opportunity to meet each other virtually and discuss relevant course topics as a learning community.

To help ensure Zoom sessions are private, do not share Zoom link or password with others, or on any social media platforms. Zoom links and passwords are only intended for students registered in the course. Zoom recordings and materials presented in Zoom, including any teaching materials, must not be shared, distributed or published without the instructor's permission.

The use of video conferencing programs relies on participants to act ethically, honestly and with integrity; and in accordance with the principles of fairness, good faith and respect (as per the Code of Conduct). When entering Zoom or other video conferencing sessions (such as MS Teams), you play a role in helping create an effective, safe and respectful learning environment. Please be mindful of how your behavior in these sessions may affect others. Participants are required to use names officially associated with their UCID (legal or preferred names listed in the Student Centre) when engaging in these activities. Instructors/moderators can remove those whose names do not appear on class rosters. Non-compliance may be investigated under relevant University of Calgary conduct policies (e.g. Student Non Academic Misconduct Policy). If participants have difficulties complying with this requirement, they should email the instructor of the class explaining why, so the instructor may consider whether to grant an exception, and on what terms. For more information on how to get the most out of your Zoom sessions visit: <https://elearn.ucalgary.ca/guidelines-for-zoom/>.

If you are unable to attend a Zoom session, please contact your instructor to arrange an alternative activity for the missed session (e.g., to review a recorded session). Please be prepared, as best as you are able, to join class in a quiet space that will allow you to be fully present and engaged in Zoom sessions. Students will be advised by their instructor when they are expected to turn on their webcam (for group work, presentations, etc.).

The instructor may record online Zoom class sessions for the purposes of supporting student learning in this class – such as making the recording available for review of the session or for students who miss a session. Students will be advised before the instructor initiates a recording of a Zoom session. These recordings will be used to support student learning only and will not be shared or used for any other

purpose.

### **Posting of Grades and Picking-up of Assignments**

Graded assignments will be made available electronically through the course D2L webpage. Grades and assignments will not be available at the Department of Geography main office.

### **Academic Accommodations**

It is the student's responsibility to request academic accommodations, according to the university policies and procedures listed in the University Calendar.

The student accommodation policy can be found at:

[https://www.ucalgary.ca/policies/files/policies/student-accommodation-policy\\_0.pdf](https://www.ucalgary.ca/policies/files/policies/student-accommodation-policy_0.pdf)

Students needing an accommodation because of a disability or medical condition should communicate this need to Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities: [www.ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf](https://www.ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf).

Students needing an accommodation based on a protected ground other than disability should communicate this need, preferably in writing to their instructor or the Department Head (email: [david.goldblum@ucalgary.ca](mailto:david.goldblum@ucalgary.ca)).

### **Copyright Legislation**

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright <https://www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright-policy.pdf>

and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorised sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Act.

### **Wellness and Mental Health Resources**

The University of Calgary recognizes the pivotal role that student mental health plays in physical health, social connectedness, and academic success and aspires to create a caring and supportive campus community where individuals can freely talk about mental health and receive supports when needed. We encourage you to explore the mental health resources available throughout the university community, such as counselling, self-help resources, peer support, or skills-building available through the SU Wellness Centre (Room 370, MacEwan Student Centre, <https://www.ucalgary.ca/wellnesscentre/services/mental-health-services>) and the Campus Mental Health Strategy website (<http://www.ucalgary.ca/mentalhealth/>).

### **Contact Information for Student and Faculty Representation**

- Student Union VP Academic 403-220-3911, [suvpaca@ucalgary.ca](mailto:suvpaca@ucalgary.ca)
- Students Union Representatives for the Faculty of Arts – 403-220-3913, [arts1@su.ucalgary.ca](mailto:arts1@su.ucalgary.ca), [arts2@su.ucalgary.ca](mailto:arts2@su.ucalgary.ca), [arts3@su.ucalgary.ca](mailto:arts3@su.ucalgary.ca), [arts4@su.ucalgary.ca](mailto:arts4@su.ucalgary.ca)
- Student Ombuds Office information can be found at: [www.ucalgary.ca/ombuds/](http://www.ucalgary.ca/ombuds/)

### **Campus Safewalk**

Campus Security, in partnership with the Students' Union, provides the Safewalk service, 24 hours a day, to any location on Campus, including the LRT station, parking lots, bus zones, and university residences. Contact Campus Security at 220-5333 or use a help phone, and Safewalkers or a Campus Security officer will accompany you to your campus destination.

