

**CANADIAN
GEOGRAPHY 1202**

Course Overview

- o **Unit 1 Natural and Human Systems (SCO 1.0 and SCO 2.0)**
- o **What happens when systems interact?**
- o In this unit students are challenged to reflect on the interdependence among natural systems and human systems.
- o Systems thinking is critical in facilitating a more balanced and sustainable approach to living.

Course Overview

- o **Unit 2 Human Population Issues in Canadian Geography (SCO 3.0 and SCO 4.0)**
- o **How might trends in Canada's population influence its future?**
- o In this unit students will examine the concept of demography and develop an appreciation that Canada has a very diverse population with increasing concerns

Course Overview

- o **Unit 3 Economic Issues in Canadian Geography (SCO 5.0 and 6.0)**
- o **How does the economy influence life in Canada?**
- o This unit invites students to explore some of Canada's resources, to assess their economic significance, and to consider and respond to issues related to how we use these resources.

Course Overview

- o **Unit 4 Global Issues in Canadian Geography (SCO 7.0)**
- o **How is globalization changing Canada?**
- o In this unit students explore the implications that globalization poses for Canada's future. Students should consider that being a part of a global village brings forth both opportunities and challenges.

Course Assessment / Evaluation

- o Chapter Quizzes/ Unit Tests **20%**
- o Assignments **30%**
- o Mid Year Examination **20%**
- o Final Exam **30%**



Geography: More than
just a Subject in School

Geography: More than a Subject in School

- o Do you know what the term **geography** means?
- o For many students, geo involves little more than:
 - o Studying maps & globes
 - o Colouring maps
 - o Memorizing the names & locations of features & places
- o Although these are important geo components, there is much more to his exciting & dynamic discipline

Geography: More than a Subject in School

- o Geography includes the study of:
 - o Landforms (knowledge of these determines transportation routes, settlement, & industry. All have unique characteristics)
 - o Vegetation (natural vegetation)
 - o Climates (temperature & precipitation)

Geography: More than a Subject in School

- o Geography includes the study of:
 - o Natural resources and Rocks & minerals
 - o Natural & human-caused events such as erosion, floods, landslides, earthquakes, volcanic activity, & severe weather conditions
 - o Interrelationships between physical environment & human activities

Geography: More than a Subject in School

- o Geography also includes a variety of skills necessary for geographers (& students) to do their work
 - o Map, air photo, & satellite image interpretation
 - o Scales, distances, & direction
 - o Equipment such as stereoscopes, GPS receivers, meteorological equipment
 - o Computer software such as GIS allow geographers to develop maps & manipulate / interpret data to make important decisions in planning & resource use

Geography: More than a Subject in School

- o What is Geography? It's certainly much more than a subject in school.



Physical & Human Geography

Physical Geography

o Definition: Field of geo that deals with the natural environment

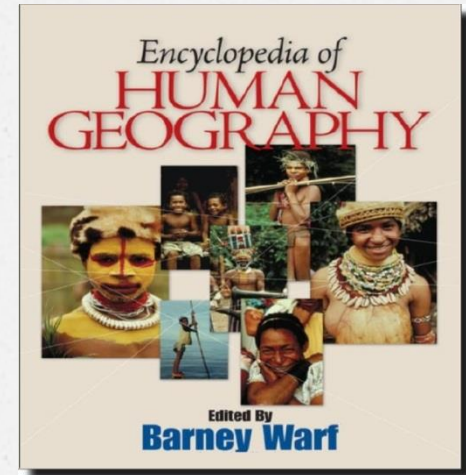
o Discussion: How does the physical environment affect human settlement & other activities?



o Using your Physical Geography handout, develop a concept map for this area of geo

Human Geography

- o Definition: Field of geo that deals with human presence, activities, & impacts on the natural environment
- o How can human activities bring about changes in the physical environment?
- o Use your Human Geo handout to develop a concept map for this area of geo



World Map



Map of Canada



Fast Facts

- o Total **area** of Canada is **9 970 600 km²**.
- o 2nd largest in the world. (refer to chart on pg. 12)
- o Distance between Halifax and Vancouver, same as Halifax to Paris.
- o Distance North to South same as South boundary to Ecuador in South America.
- o **Geographic Centre**: Is the centre point of the country measured from North to South and from East to West. (**Coats Island, Hudson Bay!!!**)

The 5 largest Countries by Land Area:

1. Russia: 17 075 000 km²
2. Canada: 9 970 600 km²
3. China: 9 597 000 km²
4. U.S.A.: 9 372 600 km²
5. Brazil: 8 511 000 km²
6. **Australia: 7,686,855 km²**
7. **India: 3,287,590 km²**

QUESTION????

List THREE positive effects of Canada's size and THREE negative effects of our size???

What are some **Positives** of our size?

- o More space to live.
- o More agricultural land to grow crops.
- o Diverse landscape.
- o Large coastline with many fishing areas.
- o Many natural resources.
- o Great economic diversity.

What are some **Negatives** of our size?

- o High cost of building and maintaining highways, phone lines, pipelines, etc.. over long distances.
- o High cost of cross country transportation and travel.
- o Large area to defend in the event of a war.
- o Difficulty of communicating over long distances.