

GEOG-1000: INTRODUCTION TO GEOGRAPHY

Cuyahoga Community College

Viewing: GEOG-1000 : Introduction to Geography

Board of Trustees:

March 2020

Academic Term:

Fall 2021

Subject Code

GEOG - Geography

Course Number:

1000

Title:

Introduction to Geography

Catalog Description:

Introduction and description of the four traditions of geography: Human Geography, Physical Geography, Spatial Studies, and Nature and Society interactions.

Credit Hour(s):

3

Lecture Hour(s):

3

Requisites

Prerequisite and Corequisite

None.

Outcomes

Course Outcome(s):

Discuss how the four traditions of geography can be viewed through our interpretation of place.

Objective(s):

1. Identify and explain the four traditions of geography.
2. Identify the disciplines within each of the four traditions of geography.
3. Use additional resources such as databases to identify geographic patterns in real-time topics such as population and demography, development, economics, and environmental topics.
4. Utilize problem-solving techniques - investigation, analysis, and evaluation - to arrive at possible solutions or conclusions to problems posed by geography.

Course Outcome(s):

Describe the importance of place in geography and the function of maps in showing relative locations.

Objective(s):

1. Describe how culture forms and communities create their own identities and explore the artifacts that define a culture.
 2. Differentiate between ethnicity and race.
 3. Read and interpret maps to identify spatial patterns of current social issues.
 4. Explain what a Geographical Information System (GIS) is and how GIS and remote sensing are used to study geographic patterns and problems.
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Course Outcome(s):

Identify physical geography patterns and processes that create the environment as we experience it and explain the human response to those processes.

Objective(s):

1. Explain the natural greenhouse effect and general weather and climate patterns.
2. Explain the impact of human enhanced climate change.
3. Discuss how society and nature influence each other in relation to landforms, weather, climate, resource extraction, land management, and other current environmental and societal issues.
4. Identify and explain the different types of tectonic motion.
5. Define a natural resource.
6. Discuss the human impact on the environment.

Course Outcome(s):

Explore geopolitical and economic patterns to explain current events

Essential Learning Outcome Mapping:

Written Communication: Demonstrate effective written communication for an intended audience that follows genre/disciplinary conventions that reflect clarity, organization, and editing skills.

Objective(s):

1. Differentiate between various types of diffusion.
2. Discuss push and pull factors that drive migration.
3. Discuss why there is uneven access to economic resources.
4. Define different economic types and explain the landscapes those economic systems produce.
5. Define globalization and explain its influence on political and economic landscapes.
6. Define and give examples of the geographic location models and outcomes of urban planning including industrial geography and location models.
7. Discuss types of world cities in low and high income countries.
8. Identify elements of national political systems including forces that influence the power of states, boundaries, and political systems.

Methods of Evaluation:

1. Discussion Board Participation
2. Problem-based Research Papers
3. Reading quizzes
4. Homework assignments
5. Midterm Exam
6. Final Exam

Course Content Outline:

1. Introduction to Geography
 - a. Definition of Geography
 - b. Four Traditions of Geography
 - i. Human Geography
 - ii. Physical Geography
 - iii. Spatial Studies
 - iv. Nature and Society
2. Introduction to Research in Geography
 - a. Databases and indices
 - i. Population
 - ii. Development
 - iii. Environmental
 - iv. Weather
 - v. Other
 - b. Current event articles

- i. Media literacy
 - ii. Bias in news sources
- 3. Map Study
 - a. Projections
 - b. Scale
 - c. Types
 - d. Remote Sensing
- 4. Physical Geography:
 - a. Landforms
 - b. Tectonic motion
 - c. Weather and Climate
- 5. Human Impact on Environment
 - a. Ecosystems
 - b. Pollution
 - c. Impact on Plants and Animals
- 6. Population Geography
 - a. Demographic Measurement
 - b. Distribution
 - c. Population Forecasts
 - d. Migration
- 7. Cultural Geography
 - a. Cultural diversity in language and religion
 - b. Ethnicity and race
 - c. Gender and culture
- 8. Spatial Geography
 - a. Distance and Barriers
 - b. Individual activity space
 - c. Diffusion and innovation
 - d. Spatial technologies including GPS and GIS
- 9. Political Geography
 - a. National systems
 - b. Boundaries and characteristics of states
 - c. Local and regional political organization
- 10. Economic Geography
 - a. Classifications
 - b. Trade
 - c. Globalization
- 11. Geography of Natural Resources
 - a. Renewable
 - b. Nonrenewable
 - c. Management
- 12. Urban Geography
 - a. Location models and changes in urban form
 - b. Patterns of land use and outcomes of urban planning
 - c. Types of world cities in low income and high income countries

Resources

Getis, Arthur, Mark Bjelland, and Victoria Getis. *Introduction to Geography*. 15. McGraw Hill, 2017.

Dastrup, Adam. *Introduction to Human Geography*. Press Books, 2018. <https://humangeography.pressbooks.com/>

Duram, Leslie. *Environmental Geography: People and the Environment*. ABC-CLIO, 2018.

Gregory, Derek, Ron Johnston, Geraldine Pratt, and Michael Watts. *The Dictionary of Human Geography*. 5th. Wiley-Blackwell, 2009.

Dastrup, Adam R. *Introduction to Physical Geography*. Pressbooks, 2018. <https://physicalgeog.pressbooks.com/>

Jonas, Andrew, Eugene McCann, and Mary Thomas. *Urban Geography: A Critical Introduction*. Wiley-Blackwell, 2015.

Lillesand, Thomas M. and Ralph W. Kiefer. *Remote Sensing and Image Interpretation*. 7th ed. New York: Wiley and Sons, 2015.

Aguado, Edward and James F. Burt. *Understanding Weather and Climate*. 7th ed. Pearson, 2014.

Castle, Stephen and Mark J. Miller. *The Age of Migration: International Population Movements in the Modern World*. 5th ed. New York: Guilford Press, 2013.

Issued several times a year by Worldwatch Institute. "Worldwatch Papers"

Essentials of Geographic Information Systems. Saylor Academy Press, 2012. https://saylordotorg.github.io/text_essentials-of-geographic-information-systems/index.html

Resources Other

Migration Policy Institute. *Refugee and Asylum Seeking Populations by Country of Origin and Destination*. <https://www.migrationpolicy.org/programs/data-hub/charts/refugee-and-asylum-seeker-populations-country-origin-and-destination?width=1000&height=850&iframe=true> (<https://www.migrationpolicy.org/programs/data-hub/charts/refugee-and-asylum-seeker-populations-country-origin-and-destination/?width=1000&height=850&iframe=true>)

Migration Policy Institute. *Maps of Immigrants and Emigrants Around the World*. <https://www.migrationpolicy.org/programs/data-hub/maps-immigrants-and-emigrants-around-world> (<https://www.migrationpolicy.org/programs/data-hub/maps-immigrants-and-emigrants-around-world/>)

NOAA ENSO Blog <https://www.climate.gov/news-features/department/enso-blog> (<https://www.climate.gov/news-features/department/enso-blog/>)

NOAA Natural Hazards Viewer <https://maps.ngdc.noaa.gov/viewers/hazards/>

NOAA National Weather Service <https://www.weather.gov/>

Native Land Digital <https://native-land.ca/> (<https://native-land.ca/accessed/>)

Minority Stories <http://stories.minorityrights.org/>

Center for Systemic Peace- State Fragility Index <http://www.systemicpeace.org/inscrdata.html>

United Nations Development Programme. *Global Human Development Indicators*. <http://hdr.undp.org/en/countries> (<http://hdr.undp.org/en/countries/>)

United Nations Development Programme. *Gender Development Index*. <http://hdr.undp.org/en/composite/GDI> (<http://hdr.undp.org/en/composite/GDI/>)

World Happiness Report. <https://worldhappiness.report/>

Project for Public Spaces, "What is Placemaking?". <https://www.pps.org/article/what-is-placemaking> (<https://www.pps.org/article/what-is-placemaking/>)

USGS Significant Earthquakes. <https://earthquake.usgs.gov/earthquakes/browse/significant.php>

USGS Topographic Maps <https://www.usgs.gov/products/maps/topo-maps> (<https://www.usgs.gov/products/maps/topo-maps/>)

USGS Earthquakes Hazards <https://www.usgs.gov/natural-hazards/earthquake-hazards/research> (<https://www.usgs.gov/natural-hazards/earthquake-hazards/research/>)

USGS Mineral Resources Online Spatial Data. <https://mrdata.usgs.gov/>

United Nations Educational, Scientific and Cultural Organization, World Heritage List. <http://whc.unesco.org/en/list> (<http://whc.unesco.org/en/list/>)

US Energy Information Administration: Renewable Energy Explained. <https://www.eia.gov/energyexplained/renewable-sources/>

US Energy Information Administration: Renewable & Alternative Fuels. <https://www.eia.gov/renewable/>

CIA World Fact Book. <https://www.cia.gov/library/publications/resources/the-world-factbook/>

Ohio Department of Natural Resources "State Listed Wildlife Species by County" <http://wildlife.ohiodnr.gov/species-and-habitats/state-listed-species/state-listed-species-by-county> (<http://wildlife.ohiodnr.gov/species-and-habitats/state-listed-species/state-listed-species-by-county/>)

Internal Displacement Monitoring Centre. *Global Internal Displacement Database*. <http://www.internal-displacement.org/database/displacement-data> (<http://www.internal-displacement.org/database/displacement-data/>)

US Fish and Wildlife Service. "Endangered Species" <https://www.fws.gov/endangered/earth> <https://earth.nullschool.net/>

The World Bank. Databank Databases. <https://databank.worldbank.org/home.aspx> (especially note World Development Indicators).

Internal Displacement Monitoring Centre. *Country Profiles*. <http://www.internal-displacement.org/countries> (<http://www.internal-displacement.org/countries/>)

The University of Oklahoma. Institute for Quality Communities. 2014. "60 Years of Urban Change: Midwest" <http://iqc.ou.edu/2014/12/12/60yrsmidwest/>

Population Reference Bureau. *World Population Data Sheet*. Available by request via: <https://www.prb.org/worldpopdata/>

Instructional Services

OAN Number:

Transfer Assurance Guide OSS007 and Ohio Transfer 36 TMSBS

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Key: 2104