

NUTLEY HIGH SCHOOL
Nutley, New Jersey

COURSE TITLE: Advanced Placement Human Geography

LENGTH OF COURSE: Full Year

GRADE LEVEL: Twelve

PREREQUISITES: Teacher/departmental permission

CREDITS: Five (5)

TEXT: Kuby, Michael, Harner, John, Grober, Patricia. 11th Edition
Human Geography in Action New York: John Wiley, Inc., 2015.

De Blij, H.J., Murphy, Alexander B., Fouberg, Erin H. 8th Edition
Human Geography People, Place, and Culture New York: John
Wiley, Inc., 2007.

Pitzl, Gerald P. (ed.). 21st Edition *Annual Editions: Geography.*
2006/2007 Dubuque: Mcgraw-Hill. 2006.

COURSE DESCRIPTION

The (AP) Human Geography course is offered during the junior and senior years of study. This program prepares students for intermediate and advanced related college courses by imposing requirements upon them commensurate with full-year introductory college subjects. AP Human Geography is a yearlong course that focuses on the distribution, processes, and effects of human populations on a global scale. Units of study include population, migration, culture, language, religion, ethnicity, political geography, economic development, industry, agriculture, and urban geography. Emphasis is placed on geographic models and their applications. Case studies from around the globe are compared to the context of both the United States and New Jersey. CD-ROM and Internet activities and GIS/GPS technology will be used to augment the student learning experience. Hands-on activities and field trips will also be incorporated to reinforce the comprehension of key Human Geography concepts. The scope of this study will consume the better portion of the academic year. The Advanced Placement exam will be administered in May, and students will be encouraged to take it for college credit. A rigorous series of student-prepared research projects, as well as the final course exam, will complete the course requirements in late May and June.

I. COURSE GOAL

The Advanced Placement Program in Human Geography is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in Human Geography. This system facilitates preparation for the Advanced Placement exam given in May.

II. COURSE OBJECTIVES

- A. To introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface.
- B. To learn about and employ the methods of geographers, especially including observation, mapmaking, data gathering and writing.
- C. To employ spatial concepts, geographic vocabulary, and landscape interpretation to a variety of locations and situations around the globe and in local areas.
- D. To develop a geographic perspective with which to view the landscape and understand current events.
- E. To develop skills necessary for researching and writing papers consistent with the Library Skills curriculum

III Course of Study for Advanced Placement Human Geography

- I. Geography – Nature and Perspective
 - A. Field of Geography
 - B. Key Concepts
 - 1. Space
 - 2. Place
 - 3. Region
 - 4. Scale
 - 5. Pattern
 - 6. Regionalization
 - 7. Globalization
 - C. Key Skills
 - 1. Using maps/spatial data
 - 2. Understanding implications of associations among phenomena in places
 - 3. Recognizing and interpreting how different scales can be used to show patterns and processes
 - 4. Understanding regions and the regionalization process
 - 5. Understanding how interconnections among places change over time
 - D. Utilization of relevant technology- GIS/GPS
 - E. Identification of key geographical data sources: field work and census

Readings/Activities for Section I:

Readings:

- De Blij, Ch. 1 “Introduction to Geography” pp. 1-34.
- Kuby, Ch. 1 “True maps, False Impressions: Making, Manipulating, and Interpreting Maps” pp.1-32
- Kuby, Ch. 3 “Tracking AIDS Epidemic in the United States: Diffusion through Space and Time”
- Annual Editions Readings-
 - “Rediscovering The Importance of Geography” pp.11-12- (spatial arrangements)
 - “The Four Traditions of Geography” pp.13-16- (key terms/concepts of geography)
 - “The Power of Place” pp.17-20 –(place/region)
 - “Watching Over The World’s Oceans” pp. 24-26- (globalization)
 - “After Apartheid” pp.27-29- (regional/place/patterns)
 - “Mapping Opportunities” pp. (90-92 – (GIS, global systems)

Activities:

- Kuby, Chapter 1 case study- True Maps, False Impressions (critical evaluation and interpretation of maps, scale recognition, data representation)
- Kuby, Activity 1- Scale (determining and representing map scale)
- Kuby, Activity 2 Thematic Maps (use of theme maps and GIS systems)

- II. Population
 - A. Population Analysis
 - 1. Density, distribution, scale
 - 2. Impact/Consequences of density and distribution
 - 3. Population composition and resulting patterns
 - 4. Natural limitation on population
 - B. Population Growth/Decline
 - 1. Historical patterns and future projections
 - 2. Population Growth Theories
 - 3. Demographic Model
 - 4. Local/Global patterns of fertility/mortality and health
 - 5. Regional demographic variations
 - C. Population Movement
 - 1. Voluntary Migration patterns
 - 2. Involuntary Migration patterns
 - 3. Why people migrate
 - 4. Obstacles to migration

Readings and Activities for Section II:

Readings:

De Blij, Ch.2 "Population" pp. 34-65
 De Blij, Ch. 3 "Migration" pp.68-96
 Kuby, Ch. 4 "Newton's First law of Migration: The Gravity Model" pp. 89-110
 Kuby, Ch. 5 "One Billion and Counting: The Hidden Momentum of Population Growth in India" pp.112-136
 Annual Editions Readings-
 "The Longest Journey" pp. 120-124 (migration, global economic growth)
 "The Rise of India" pp. 52-57 (population, global impact)
 "Living with the Desert" pp. 79-81 (region, population, landscape)

Activities:

Kuby, Chapter 4 case study- "Newton's First Law of Migration"
 (migration, spatial interaction, gravity model)
 Kuby, Activity 1 Predicting Migration with Gravity Model
 Kuby, Activity 2 Scatter Diagram
 Kuby, Activity 3 Residual Map

Kuby, Chapter 5 case study- "One Billion and Counting" (birth rates, death rates, growth rates)
 Kuby, Activity1-Matching Demographic Descriptions with Population Pyramids
 (population models)
 Kuby, Activity 2-Demographic Momentum scenarios (birth/death rates)
 Kuby, Activity 3-Interpreting Population Change (growth rates)

- III. Cultural Patterns and Processes
 - A. Cultural Concepts
 - 1. Traits
 - 2. Diffusion
 - 3. Acculturation
 - 4. Regions

- B. Areas of Differences/Clash
 - 1. Language
 - 2. Religion
 - 3. Ethnicity
 - 4. Gender
 - 5. Pop/Folk Culture
- C. Impact of environment on cultural attitudes
 - 1. Cultural values/preferences
 - 2. Symbolism/Landscapes/Place

Reading and Activities for Section III:

- De Blij, Ch. 4 “Local Culture, Popular Culture, and Cultural Landscapes” pp. 98-124
(C2, C3)
- De Blij, Ch. 5 “Identity: Race, Ethnicity, Gender, and Sexuality” pp. 125-147
- De Blij, Ch.6 “Language” pp. 148-176
- De Blij, Ch. 7 “Religion” pp. 177-216
- Kuby, Ch. 2 “Layers of Tradition: Cultural Regions at Different Scales” pp. 32-64
- Kuby, Ch. 12 “Do Orange and Green Clash? Residential Segregation in Northern Ireland” pp.333-354
- Annual Editions Readings-
“Between the Mountains” pp.58-69 (culture, region, geopolitics)

Activities:

- Kuby, Ch. 2 case study-Cultural Regions (cultural region, traits, landscapes)
- Kuby, Activity 1 Mapping Cultural Regions (region, culture, global scale)
- Kuby, Activity 2 Identifying Cultural Traits of Your Cultural Region (region, culture)
- Kuby, Ch. 12 case study “Do Orange and Green Clash?” (religion, segregation, spatial divergence/convergence)
- Kuby, Activity 1 Mapping Religious Affiliation (mapping, religion, culture)

IV. Political Organization of Space

- A. Territory and Politics
 - 1. Concept of Territoriality
 - 2. Concept of boundaries
 - 3. Territory/boundaries and influence on human identity, interaction and exchange.
- B. The Nation State
 - 1. Types of states
 - 2. Problem of expansion-colonialism and imperialism
- C. Problems of Political Organization
 - 1. Evolving concept of sovereignty
 - 2. Alliances
 - 3. Unity/Devolution
 - 4. Supranational Conflict

Readings and Activities for Section IV:

Readings:

De Blij, Ch. 8 “Political Geography” pp. 215-255
Kuby, Ch. 13 “Breaking Up Is Hard To Do: Nations, States and Nation-States” pp. 356-442

Activities:

Kuby, Ch. 13 case study-Breaking Up Is Hard To Do
Kuby, Activity 1-Rise and Fall of Yugoslavia (unity, devolution, sovereignty)
Kuby, Activity 2- Iraqaphobia-country study (territory, sovereignty, interaction)

- V. Agriculture and Rural Land Use
 - A. Agriculture and Rural Land Use
 - 1. Origins and spread of agriculture
 - 2. Major agricultural regions
 - 3. Linkages and flows of products
 - 4. Commercial agriculture
 - 5. Science and agriculture
 - B. Rural land use/settlement patterns
 - 1. Land use models including von Thunen’s model
 - 2. Energy and intensification of land use
 - 3. Rural activity and environmental issues

Readings and Activities for Section V:

Readings:

De Blij, Ch. 11 “Agriculture” pp.328-358
Kuby, Ch. 8 “Food for Thought” pp. 215-245
Annual Editions Readings-
“Global Warming” pp.32-34 (regional agricultural patterns)
“ Farms Destroyed, Stricken Sudan Faces Food Crisis” pp. 129-131 (agriculture, region)

Activities:

Kuby, Ch. 8 “Food for Thought” case study
Kuby, Ch. 8 Activity 1- Agricultural Landscapes and Production Methods (land use methods, global scale, agriculture)
Kuby, Ch. 8 Activity 2- Global Sources for Your Local Supermarket (globalization, agriculture)
Kuby, Ch. 8 Activity 3- Remote Sensing and Agricultural Land Use (GIS, land use patterns, land use change)

- VI. Industrialization and Economic Development
 - A. Key Concepts in industrialization and development
 - B. Industrialization
 - 1. Origins and spread of industrialization
 - 2. Major industrial regions
 - 3. Industrial location model
 - 4. Deindustrialization
 - 5. Industrialization and quality of life

C. Global Economy

1. Trade and transportation patterns
2. Shifting patterns of production
3. Transnationals and outsourcing
4. Interdependence and competition

Readings and Activities for Section VI:

Readings:

- De Blij, Ch. 10 "Development" pp. 300-326
De Blij, Ch. 12 "Industry and Services" pp. 361-387
De Blij, Ch. 14 "Globalization and Geography of Networks" pp. 418-430
Kuby, Ch. 6 "Help Wanted: The Changing Geography of Jobs" pp. 137-175
Kuby, Ch. 7 "Rags and Riches: The Dimensions of Development" pp. 177-213
Annual Editions Readings-
"Where Business Meets Geopolitics" pp. 70-72 (development, economic growth)
"Mexico: Was NAFTA Worth It?" pp. 142-147 (economic development)
"The Race to Save A Rainforest " pp. 30-32 (economic growth, globalization)

Activities:

- Kuby, Ch. 6 "Help Wanted" case study
Kuby, Ch. 6 Activity 1- Regional Economic Specialization (Local, regional economic patterns)
Kuby, Ch. 6 Activity 2- Determining regional multipliers (regional, global economic growth)
Kuby, Ch. 7 "Rags and Riches" case study
Kuby, Ch. 7 Activity 1-Economic Model of Development (economic development indicators)
Kuby, Ch. 7 Activity 2- Human Welfare Model of Development (human welfare indicators)
Kuby, Ch. 7 Activity 3-Comparing Economic Development and Human Welfare Models (National and Global patterns of development, economic activity)

VII. Cities and Urban Land Use

A. Concepts and definitions

B. Evolution of Cities

1. Defining an urban place: site, situation, form
2. Models of urban location and structure]
3. Global urbanization
4. National growth rates

C. Patterns of Urbanization

1. Global: rates and regions
2. National: growth and decline
3. Local: urban sprawl / ordinances

D. Issues/Problems

1. Overdevelopment/sprawl
2. Gentrification/ghettoization

Readings and Activities for Section VII:

Readings:

De Blij, Ch. 9 “Urban Geography” pp. 257-297
Kuby, Ch. 9 “Market Areas and the Urban Hierarchy” pp. 248-277
Kuby, Ch. 10 “Reading the Urban Landscape: Census Data and Field Observation” pp. 278-301
Kuby, Chapter 11 “The Disappearing Front range: Urban Sprawl in Colorado” pp. 303-331
Annual Editions Readings-
“An Inner City Renaissance” pp.85-88 (urban population and economic patterns)
“ A City of 2 Million Without a Map” pp. 112-114. (Urban planning, mapping)

Activities:

Kuby, Ch. 9 case study-Market Areas
Kuby, Ch. 9 Activity 1- Threshold of a Function (land use, urban planning, market functions, urban hierarchy)
Kuby, Ch. 9 Activity 2- Market Area Geography (GIS, Mapping)
Kuby, Ch. 10 case study- Reading the Urban Landscapes
Kuby, Ch. 10 Activity 1- Census Tract Data (census variables, census profiles)
Kuby, Ch. 10 Activity 2- Field Survey (field observation of census site- virtual tours)
Kuby, Ch. 11- case study- Urban Sprawl in Colorado
Kuby, Ch. 11 Activity 1- Transportation and Urban Growth (tracing pattern of transportation models)
Kuby, Ch. 11 Activity 2-Urban Sprawl Scenario Analysis (GIS, comparing urban growth models, projections)
Kuby, Ch. 11 Activity 3- Urban Sprawl Debate and Consensus Building (Urban planning, civics)