

# GEOG C150: CALIFORNIA GEOGRAPHY

Item	Value
Top Code	220600 - Geography
Units	3 Total Units
Hours	54 Total Hours (Lecture Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)
Local General Education (GE)	• Area 4 Social and Behavioral Science (CD1)
California General Education Transfer Curriculum (Cal-GETC)	• Cal-GETC 4 Social & Behavioral Sciences (4)
Intersegmental General Education Transfer Curriculum (IGETC)	• IGETC 4 Social&Behavioral Sci (4)
California State University General Education Breadth (CSU GE-Breadth)	• CSU D Soc Politic Econ Inst (D)

## Course Description

A study of California's diverse natural, cultural, economic, and human systems. Specific emphasis on geological processes, climate, biogeography, hydrology, migration, and landscapes. Current environmental, social, and economic concerns relating to California geographic concepts are explored. Transfer Credit: CSU; UC. C-ID: GEOG 140. C-ID: GEOG 140.

## Course Level Student Learning Outcome(s)

1. Analyze the relationships between California's diverse physical landscape, climate, culture, agriculture, economy, and population.
2. Evaluate external and internal forces and issues that impact California and propose solutions.
3. Evaluate external and internal forces that impact California and propose solutions for issues such as water resources, the economy, the environment, immigration, and politics using geographic concepts and tools.
4. Evaluate the relationship between California's diverse human population and the cultural and historical developmental factors that have shaped California's cultural landscape.

## Course Objectives

- 1. Identify and describe the major physical regions of California and the geological and geomorphic processes that shaped them.
- 2. Describe how weather and climate affect the California landscape: agriculture, economy, population, and urbanization.
- 3. Describe the diversity and distribution of California's agriculture, vegetation zones, and animals.

- 4. Explain the hydrology of California and identify problems associated with limited water resources.
- 5. Describe the historic evolution of California's human population, migration, and current cultures and lifestyles.
- 6. Identify California's primary industries and explain the reasons for the great variety of economic activities found in the state.
- 7. Describe the past, present, and future growth patterns of California's urban and rural landscapes.

## Lecture Content

Introduction and Overview of California Physical features Mountains Deserts Physiographic regions Geological History and Processes Plate tectonics Geological hazards Modern Geology and Geomorphology California's recent, current, and future physical landscape Volcanoes Geomorphic regions Earthquake faults California's Weather and Climate El Nino Santa Ana winds Biogeography, and Vegetation of California Biomes California's Water Resources Hydrology Groundwater Water transportation Human Population and Migration in California Historical California California Gold Rush California's Cultural Landscape Ethnic groups Lifestyles Population Primary Industries and Rural Landscapes Agriculture California's Economic Geography Modern and advanced economies California's Urban Landscapes Applying Geographic Concepts to Explore California Environmental concerns California's Political Landscape

## Method(s) of Instruction

- Lecture (02)
- DE Online Lecture (02X)

## Instructional Techniques

1. Lectures 2. Video and PowerPoint presentations. 3. Map handouts of geographic regions, climate zones, flora and fauna, etc. 4. Group discussions

## Reading Assignments

Assigned from textbooks and supplemental materials.

## Writing Assignments

1. Class discussions. 2. Substantial essay exam questions on the midterm and final exams. 3. Written Assignments related to class topics.

## Out-of-class Assignments

Required research paper and written assignments.

## Demonstration of Critical Thinking

1. Objective examinations covering text and materials. 2. Written papers exploring issues related to California Geography. 3. Map exams for specific locations, features, and resources found in California. 4. Evaluation of written material based on readings and the study of California maps.

## Required Writing, Problem Solving, Skills Demonstration

1. Objective examinations covering text and materials. 2. Short essays exploring issues related to California Geography. 3. Map exams for specific locations, features, and resources found in California. 4. Evaluation of written material based on readings and the study of California maps.

## **Eligible Disciplines**

Geography: Master's degree in geography OR bachelor's degree in geography AND master's degree in geology, history, meteorology, or oceanography OR the equivalent OR see interdisciplinary studies. Master's degree required.

## **Textbooks Resources**

1. Required Selby, W.. Rediscovering the Golden State, 4th ed. Wiley, 2019

## **Other Resources**

1. Handouts supplied by the instructor from a variety of different resources including The California Energy Commission, Calfire, California Department of Public Health, California Department of Water Resources, United States Geological Survey, Calisphere, and the California Department of Parks and Recreation. 2. Articles from the California Geographer. 3. California Atlas, CA Geographic Alliance 4. Coastline Library