

PALOMAR COLLEGE
COURSE OUTLINE OF RECORD FOR
DEGREE CREDIT COURSE

X Transfer course X A.A. degree applicable course
(check all that apply)

COURSE NUMBER AND TITLE: GEOG 100 Physical Geography

UNIT VALUE: 3

MINIMUM NUMBER OF SEMESTER HOURS: 48

BASIC SKILLS REQUIREMENTS: Appropriate language and computational skills.

ENTRANCE REQUIREMENTS

PREREQUISITE: None

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE: A study of earth's physical environment with emphasis on weather, climate, landform, soils, and natural vegetation and the interrelationship between these elements within unique physical landscapes.

SPECIFIC COURSE OBJECTIVES:

The successful student will be able to:

1. Explain the basics of our operational natural environment especially the functioning of and interrelationships between climate, weather, biomes, and landforms.
2. Read and analyze mapped information to further understand the spatial relationships between natural phenomena.
3. Use the scientific method as a critical thinking process for understanding the natural world.
4. Learn more about the natural environment on his/her own as a result of this class.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Portrayal of the Earth
- II. Heating and cooling of the Earth's atmosphere.
- III. Atmospheric pressure and wind.
- IV. Atmospheric moisture.
- V. Large scale atmospheric phenomena; air masses, mid-latitude cyclones, and tropical systems.
- VI. World climates; location, characteristics, and causes.
- VII. The hydrosphere.
- VIII. Basic functioning of ecosystems.
- IX. World biomes
- X. Soils
- XI. Tectonic processes and landforms.

- XII. Weathering and mass wasting.
- XIII. Erosional and depositional processes and landforms involving running water.
- XIV. Desert landforms.
- XV. Coastal processes and landforms.
- XVI. Groundwater.
- XVII. Erosional and depositional processes and landforms involving glacial ice.

REQUIRED READING:

The following or a similar text:

McKnight, Tom L. and Hess, Darrel. Physical Geography: A Landscape Appreciation. 6th ed. Englewood Cliffs, NJ: Prentice-Hall, 2000.

SUGGESTED READING:

Online or newspaper daily weather reports.

Current reports from journals and newspapers dealing with subjects in physical geography.

REQUIRED WRITING:

All students are required to submit a two page typewritten essay on a specific topic which may vary each semester.

OUTSIDE ASSIGNMENTS:

Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short-term classes.

Preparation may include such activities as readings in assigned text, review of lecture material, writing assignments, homework, etc.

INSTRUCTIONAL METHODOLOGY:

Check all that apply:

- lecture
- laboratory
- lecture-laboratory combination
- directed study

Due to large class size, lecture is the dominant learning methodology. Additional learning is achieved through audiovisual, computer, and field trip methods.

This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.

Yes No

If yes, check all that apply.

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)
- Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
- Two-Way Video Conferencing (Two-way interactive video and audio)
- One-Way Video Conferencing (One-way interactive video and two-way interactive audio)
- Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a

computer terminal, but not under immediate supervision of a qualified instructor.)

GRADING POLICY AND STANDARDS (include methods of determining whether the stated objectives have been met by students):

Typically, four objective exams are given. Final exam may or may not be cumulative. Other graded items would include the student essay, and optionally, field trip assignments.

Exams = 95% Student essay = 5%

IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?

Yes ___ No X Number of times course may be taken for credit: 1

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable:

CONTACT PERSON:

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SIGNATURES:

SIGNATURES ON FILE
