COLLEGE OF THE DESERT

Course Code ANTH-001

Course Outline of Record

1. Course Code: ANTH-001
2. a. Long Course Title: Introduction to Physical Anthropology
   b. Short Course Title: INTRO/PHYSICAL ANTHRO
3. a. Catalog Course Description:
   This course introduces the concepts, methods of inquiry, and scientific explanations for biological evolution and their application to the human species. It examines the origins of humans and their place in nature. Topics presented include: basic biological and genetic background for understanding human evolution; evolutionary theory; human variation and biocultural adaptations; modes of evolutionary change and how these evolutionary mechanisms operate on contemporary human populations; an understanding of geological history; principles of classification; physical form and behavior of non-human primates; and the archaeological evidence for hominine development and worldwide diffusion.
   b. Class Schedule Course Description:
   This course is a study of the origins of humans and their place in nature.
   c. Semester Cycle (*if applicable*): Course offered every semester
   d. Name of Approved Program(s):
   - ANTHROPOLOGY Associate in Arts for Transfer Degree (AA-T)
4. Total Units: 3.00 Total Semester Hrs: 54.00
   Lecture Units: 3 Semester Lecture Hrs: 54.00
   Lab Units: 0 Semester Lab Hrs: 0
   Class Size Maximum: 50 Allow Audit: Yes
   Repeatability No Repeats Allowed
   Justification 0
5. Prerequisite or Corequisite Courses or Advisories:
   Course with requisite(s) and/or advisory is required to complete Content Review Matrix (CCForm1-A)
   Prerequisite: ENG 061
6. Textbooks, Required Reading or Software: *(List in APA or MLA format.)*
   a. (ALTERNATE) Jurmain, R., L. Kilgore, & W. Trevathan (2017). *Introduction to Physical Anthropology* Belmont, Ca. Thomson Wadsworth.
   College Level: Yes
   Flesch-Kincaid reading level: 12
   b. Larsen, C.S. (2017). *Our Origins: Discovering Physical Anthropology* (4th/e). New York Norton. ISBN: 978-0-393-614
   College Level: Yes
   Flesch-Kincaid reading level: *N/A*
7. Entrance Skills: *Before entering the course students must be able:*
   a. Develop, organize and express ideas in paragraph and essay form.
   - ENG 061 - Use theses to organize paragraphs into coherent analyses.
   - ENG 061 - Demonstrate the ability to think critically and express ideas using various patterns of development.

   b. Read texts and respond in writing at the literate level.
   - ENG 061 - Demonstrate the ability to read and respond in writing beyond the literal interpretation of the text.

   c. Demonstrate the ability to participate in class discussions and assigned projects.
   - ENG 061 - Demonstrate the ability to think critically and express ideas using various patterns of development.

8. Course Content and Scope:

Lecture:

1. The theory and genetic basis of evaluation
    1. Historical origins
    2. Natural selection, mutation, genetic drift gene flow, recombination
2. Evolution and behavior of non-human primates
    1. Man's kinship with the animal kingdom
    2. Process of fossilization
3. Human paleontology
    1. Techniques for the determination of chronology
    2. Nature of the dental and osteological evidence
    3. Biological dimensions of culture development (biocultural evolution)
4. Modern human variability/races
    1. Population structure
    2. Adaptation of genetically simple traits
5. Evolutionary future of humankind - the last 10,000 year of human evolution

Lab: *(if the "Lab Hours" is greater than zero this is required)*

9. Course Student Learning Outcomes:
    1. Identify and describe the evidence for human evolution.
    2. Synthesize the evolutionary events leading to the evolution and spread of *Homo sapiens sapiens* throughout the world.
    3. Describe the evolutionary processes and identify how humans evolved as products of biocultural evolution.

10. Course Objectives: *Upon completion of this course, students will be able to:*
    a. Identify and evaluate both the theory and genetic basis of biological evolution.
    b. Analyze the evolution and behavior of nonhuman primates.
    c. Assess the nature of the fossil record for human evolution.
    d. Identify and interpret human biological variability.
    e. Synthesize the relationship between cultural groups and the environment.
    f. Utilize relevant printed resource and internet materials (books and articles) pertaining to human evolution.
    g. Demonstrate an approach to the resolution of problems associated with human evolution which emphasizes the precise and objective analysis of relevant data in formulating scientific generalizations.

11. Methods of Instruction: *(Integration: Elements should validate parallel course outline elements)*
    a. Discussion
    b. Distance Education
    c. Lecture
    d. Participation
    e. Technology-based instruction

    Other Methods:

    a. DVD presentations b. Internet c. Student papers and reports

12. Assignments: *(List samples of specific activities/assignments students are expected to complete both in and outside of class.)*
    In Class Hours: 54.00
    Outside Class Hours: 108.00

a. In-class Assignments

1. Attendance of lectures by guest speakers, including the taking of detailed notes.
2. Viewing of DVDs and PowerPoint programs, including the taking of notes.
3. Listening to sound recordings and taking notes.
4. Special reports by students, in panel or singly.
5. Participating in class research projects involving the collection, compilation and interpretation of data, including the composition of written or oral reports.

b. Out-of-class Assignments

1. Readings in the textbook and in recommended supplementary literature.

13. Methods of Evaluating Student Progress: *The student will demonstrate proficiency by:*
    - College level or pre-collegiate essays
    - Written homework
    - Term or research papers
    - Group activity participation/observation
    - True/false/multiple choice examinations
    - Mid-term and final evaluations
    - Student participation/contribution

14. Methods of Evaluating: Additional Assessment Information:

15. Need/Purpose/Rationale -- *All courses must meet one or more CCC missions.*

IGETC Area 5: Physical and Biological Sciences (mark all that apply)

B: Biological Science without a Lab

CSU GE Area B: Physical and its Life Forms(mark all that apply)

B2 - Life Science

PO-GE C2 - Social and Behavioral Sciences

Critique generalizations and popular opinion about human behavior and society, distinguishing opinion and values from scientific observations and study.

Understand and think critically about different cultures (including topics such as race, gender, and class) and their influence on human development or society.

PO-GE C3 – Arts, Humanities, and Culture

Understand and appreciate diverse local, national, and world context.

Connect knowledge of self and society to larger cultural contexts.

Articulate the differences and similarities between and within cultures.

PO-BS Critical Thinking

Assess relevant information and come to thought-out conclusions and solutions.

Value open-mindedness.

Communicate meaningfully with others.

IO - Personal and Professional Development

Display habits of intellectual exploration, personal responsibility, and physical well being.

Value diverse cultures and populations.

IO - Scientific Inquiry

Identify components of the scientific method.

Recognize the utility of the scientific method and its application to real life situations and natural phenomena.

IO - Critical Thinking and Communication

Apply principles of logic to problem solve and reason with a fair and open mind.

Apply standard conventions in grammar, mechanics, usage and punctuation.

PO-SSS Personal Development and Responsibility

Display habits of intellectual exploration, personal responsibility, and physical well being.

Develop individual responsibility, personal integrity, and respect for diverse people and cultures.

Value and accept people with different cultural and linguistic backgrounds and abilities.
Understand ethical issues to make sound judgments and decisions.

16. Comparable Transfer Course

University System	Campus	Course Number	Course Title	Catalog Year
CSU	CSU San Bernardino	ANTH 100	Introduction to Anthropology: Human Evolution	2017-2018
UC	UCLA	ANTHRO 7	Human Evolution	2017-2018

17. Special Materials and/or Equipment Required of Students:

18. Materials Fees: ☐ Required Material?

Material or Item	Cost Per Unit	Total Cost

19. Provide Reasons for the Substantial Modifications or New Course:

Update SLOs, objectives, text, content and assignments. Change prerequisite from ENG-070 to ENG-061 as recommended by Technical Review.

20. a. Cross-Listed Course *(Enter Course Code)*: *N/A*
    b. Replacement Course *(Enter original Course Code)*: *N/A*

21. Grading Method *(choose one)*: Letter Grade Only

22. MIS Course Data Elements
    a. Course Control Number [CB00]: CCC000306065
    b. T.O.P. Code [CB03]: 220200.00 - Anthropology
    c. Credit Status [CB04]: D - Credit - Degree Applicable
    d. Course Transfer Status [CB05]: A = Transfer to UC, CSU
    e. Basic Skills Status [CB08]: 2N = Not basic skills course
    f. Vocational Status [CB09]: Not Occupational
    g. Course Classification [CB11]: Y - Credit Course
    h. Special Class Status [CB13]: N - Not Special
    i. Course CAN Code [CB14]: *N/A*
    j. Course Prior to College Level [CB21]: Y = Not Applicable
    k. Course Noncredit Category [CB22]: Y - Not Applicable
    l. Funding Agency Category [CB23]: Y = Not Applicable
    m. Program Status [CB24]: 1 = Program Applicable

    Name of Approved Program *(if program-applicable)*: ANTHROPOLOGY
    Attach listings of Degree and/or Certificate Programs showing this course as a required or a restricted elective.)

23. Enrollment - Estimate Enrollment
    First Year: 0
    Third Year: 0

24. Resources - Faculty - Discipline and Other Qualifications:
    a. Sufficient Faculty Resources: Yes
    b. If No, list number of FTE needed to offer this course: *N/A*

25. Additional Equipment and/or Supplies Needed and Source of Funding.

N/A

26. Additional Construction or Modification of Existing Classroom Space Needed. *(Explain:)*

N/A

27. FOR NEW OR SUBSTANTIALLY MODIFIED COURSES
Library and/or Learning Resources Present in the Collection are Sufficient to Meet the Need of the Students Enrolled in the Course: Yes

28. Originator Ellen Hardy Origination Date 09/11/17