Degree Applicable

Glendale Community College
March 2013

COURSE OUTLINE

Anthropology 103 (C-ID Number: ANTH 150)
Archaeology (C-ID Title: Introduction to Archeology)

I. Catalog Statement

This course is an introduction to the study of concepts, theories, data and models of anthropological archaeology that contribute to our knowledge of the human past. The course includes a discussion of the nature of scientific inquiry; the history and interdisciplinary nature of archaeological research; dating techniques; methods of survey, excavation, analysis, and interpretation; cultural resource management; professional ethics; and selected cultural sequences.

Total Lecture Units: 3.0
Total Course Units: 3.0

Total Lecture Hours: 48.0
Total Faculty Contact Hours: 48.0

Recommended Preparation: Eligibility for English 120 or ESL 151.

II. Course Entry Expectations

Skills Level Ranges: Reading 5, Writing 5, Listening/Speaking 5, Math 2.

Prior to enrolling in the course, the student should be able to:
1. read and understand abstract and complex collegiate level textbooks;
2. communicate learning, conceptual understanding and critical analysis skills through writing research papers, essay exams, or other types of writing assignments;
3. learn material through class lecture, discussion, and reading;
4. add, subtract, multiply, and divide using whole numbers, fractions, and decimals;
5. convert fractions and decimals to percentages.

III. Course Exit Standards

Upon successful completion of the required coursework, the student will be able to:
1. describe the techniques and methods utilized by archaeologists to develop their body of knowledge;
2. trace and analyze the pre-history of mankind through the various Stone Ages and to appreciate the steady rate of change which took place;
3. assess the often overlooked pre-history of their own Western Hemisphere;

4. demonstrate the critical skills needed by more work and possible majors in this field.

IV. <u>Course Content</u> **Total Faculty Contact Hours = 48 hours**

A. Definitions of the Discipline 2 hours

B. Archaeology as a Profession 2 hours
1. How to become an archaeologist
2. Positions available and monetary rewards

C. History of Archaeology 8 hours
1. Ancient times
2. Medieval times
3. Modern times

D. Methods and Techniques in Archaeological Digs 4 hours
1. Definitions; stratigraphy, assemblage, typology, seriation
2. Types of sites – types of digs
3. Where to dig – methods of determination; visual, aerial, electrical
4. How to dig – trench, checkerboard, stepped, tunnel
5. Preservation of artifacts
   a. By nature – ice, dessication, oil, bogs
   b. Human methods of restoration and preservation
6. Analysis of facts in laboratory

E. Dating
1. Carbon-14, Dendrochronology 2 hours
2. Potassium-argon, varve, palynology

F. World of the Pleistocene
1. Gunz
2. Mindel 1 hour

G. Finding and Acceptance of Stone Tools 1 hour
1. Jacque Boucher de Perthes

H. Geology and Fossil Work 6 hours
1. Hutton and Lyell
2. Darwin and evolution
3. Discovery of fossil humans – Australopithecines (Africanus and Robustus), Homo Erectus, Neanderthal, Cro-Magnon
4. Experts on fossil humans – Dubois, Von Konigswald, Weidenreich, Dart, Broom, Leakeys

I. Interpretation of Life and Culture of Primitive People in the Paleolithic 2 hours

J. Evolution of Tools
1. Olduvan Chopper Through Flakes and Blades to Microliths 2 hours

K. Art of Primitive People 4 hours
1. Methods and materials – motivation
2. Altamira and Lascouz – other cave works
3. Sculpture work – Cap Blanc – the Venuses
4. Religious significance

L. Mesolithic Age 4 hours
1. Maglamosian cultures
2. Star Carr – Graham Clarks
3. The Forest Folk – Gordon Childe
4. The Ktichen Middens

M. Neolithic Age 4 hours
1. Incipient agriculture – the nuclear areas
2. Domestication of grains
3. Domestication of animals – Windmill Hill Corrals
4. Early agricultural sites – Jarmo, Jehrico, Skara Brae

N. Rise of the City 2 hours
1. Discovery of metal
2. Spread of Middle East cultures to Western Europe – Bell Beakers, Battle-axe
3. Megalithic people

O. New World Archaeology 2 hours
1. Across the Bering Strait
2. Fossil man in America – Folsam, Clovis, and Los Angeles Man - "Minnesota Minnie"
3. Early cultures
4. The Mound Builders
5. Mesa Verde – Anasazi

P. Forensic Anthropology 2 hours

V. **Methods of Instruction**

The following methods of instruction may be used in the course:
1. lecture/discussions;
2. hands on use of artifacts;
3. reading assignments;
4. small group projects;
5. multimedia.

VI. Out of Class Assignments

The following out class assignments may be used in the course:
1. abstract writing (e.g. articles from popular sources in the field of archaeology);
2. project (e.g. groups working on archaeological exhibition problem).

VII. Methods of Evaluation

The following methods of evaluation may be used in the course:
1. quizzes;
2. short written assignments;
3. at least three one-hour examinations and a final examination.

VIII. Textbook(s)

Scarre, Chris. *The Human Past 3rd Edition.* Boston: Thames & Hudson, 2013. Print. 12th Grade Textbook Reading Level. ISBN: 978-0500290637

IX. Student Learning Outcomes

Upon successful completion of the required coursework, the student will be able to:
1. identify basic archaeological theories, methods, and techniques used to investigate the human past;
2. demonstrate an understanding of the nature of scientific inquiry and its application in archaeological research;
3. discuss the relationship between anthropology and archaeology.