

## **Paleoanthropology**

Archaeology 385

Section: D100

Term: 2004 Spring

Instructor: Professor Mark Skinner

Day course, EDB 9643

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Office Hours: TBA

Discussion Topics: The relationship between culture and biology in prehistoric human evolution. The recognition and critical evaluation of the significance of the similarities and differences among fossil human types.

### Course construction:

The class meets three hours a week for formal lecture and two hours a week for labs/seminars. The latter includes a short discussion of assigned readings as well as examination of casts and practical exercises.

### Bi-Weekly Lecture Sequence (from text):

1. Evolution, Classification and Nomenclature (new finds)
2. The Geological Time Frame (taphonomy)
3. Primate Evolution: Late Cretaceous to Late Miocene (molecular phylogeny)
4. The Australopithecines and *Homo habilis* (early material culture)
5. Evolution of the Genus *Homo* (language and encephalization)
6. The Neanderthals and their contemporaries (Middle Paleolithic lifeways)
7. Anatomically Modern Humans (the creative explosion)
8. Anatomy, behaviour and modern human origins. (migrations)

Grading: In addition to attendance at lectures the students will be required to write a mid-term exam (35%), a final exam (35%) and a paper (30%) on an approved topic. The final exam does not cover materials tested in the mid-term.

All exams will cover materials from the text and assigned readings (whether or not discussed in class). The teaching assistant will provide guidance to the key concepts covered in each assigned reading.

Required Texts: Klein, Richard G. 1999 *The Human Career* Second edition. University of Chicago Press.

Jones, S., R. Martin and D. Pilbeam 1992 *The Cambridge Encyclopedia of Human Evolution*. Cambridge University Press.

Recommended Texts: none

Materials/Supplies: none

Prerequisite/Corequisite: ARCH 131-3 and 272-3 (prerequisites)

Notes: All assignments must be completed on time; failure to meet a deadline requires a written explanation as well as a letter of explanation from a doctor. Extensions and deferrals may be given in cases of genuine hardship. Deferred grades will be given only on the basis of authenticated medical disability. Labs will be held the first week of classes.

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This outline is derived from a course outline repository database that was maintained by SFU Student Services and the University's IT Services Department. The database was retired in 2014 and the data migrated to SFU Archives in 2015.