

Human Osteology

Archaeology 373

Section: D100

Term: 2000 Spring

Instructor: Dr Mark Skinner

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Day course, Burnaby campus

Class time: Lecture: Monday 14:30 - 17:20

Lab: Wednesday 9:30 - 11:20 or 15:30 - 17:20

Discussion Topics: Course description:

This course is designed to provide the senior undergraduate with a thorough, laboratory based knowledge of human skeletal and dental anatomy and variation.

Course construction:

The course is composed of a lecture (3 hours per week) and laboratory (2 hours per week). The students are expected to work outside of formally scheduled contact hours on laboratory assignments and the project in the physical anthropology laboratory.

Lecture/Lab sequence:

1. Respect for skeletal remains; introduction to skeletal biology
2. Bones and teeth: structure and function
3. The skull: support, space and passages
4. Head facts: growth and development
5. Head facts: bones, sex and gender
6. Head facts: ancestry from bones
7. Teeth: tissues, dental nomenclature
8. Teeth: dental eruption and formation
9. The axial skeleton: normal vs. abnormal appearance of bone
10. Pectoral and pelvic girdles: clavicle, scapula, os coxae sacrum
11. Limb bones: humerus, radius, ulna, femur, tibia and fibula
12. Hands and feet

Grading: Weekly lab exams (may include material from assigned readings) 50%

Paper project (analysis of a skeleton) 30%

Final exam 20%

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.

Required Texts: White, Tim D. 2000 Human Osteology Second edition, Academic Press, San Diego, CA

ISBN 0 12 746612 6

Recommended Texts: none

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Materials/Supplies: none

Prerequisite/Corequisite: Arch 131-3

Notes: Deferred grades will be given only on the basis of authenticated medical disability.

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.