

Anthropology 2FF3

Human Skeletal Biology and Bioarchaeology

May – June, 2017

Class Schedule:

Tuesdays & Thursdays
1:00-4:00 pm

Location – CHESTER
NEW HALL, 407
(Shelley Saunders Lab)



Course Description

This course is intended for Anthropology majors interested in the study of human skeletal remains in an archaeological context. The integrated lecture and laboratory format will give you extensive laboratory training in human skeletal biology and practical experience with the methods used in the identification and analysis of human skeletal remains.

Learning Objectives

At the end of this course, you will be able to:

- **identify** the major bones of the human skeleton and distinguish features on specific bones
- **complete** the identification and inventory of human skeletal remains
- **apply** methods used to determine age-at-death, sex, and stature on skeletal remains
- **discuss** the information that can be derived from skeletal remains and the limitations of this evidence

Required Text

White, TD. and Folkens, PA. (2005) **The Human Bone Manual**. Academic Press.

Available in the university bookstore, and also available as a Kindle book through Amazon.

There are also additional required readings, as indicated in the course schedule.

CORRESPONDENCE

I will check my email regularly throughout the week, so you can expect a response within approximately **48 hours**. Please put **2FF3** in the subject line of your email and **include your name and student number** in all correspondence.

Instructor - Dr. T. Prowse

Contact Information -

Office: Chester New Hall (CNH), Room 514
Telephone: (905) 525-9140 ext. 24302
Email: prowset@mcmaster.ca

Lab Supervisor: Bonnie Kahlon
Office: CNH, Room 407
Email: kahlonh@mcmaster.ca

Weekly Class and Lab Schedule

W = White and Folkens (**bring to lab each week!!**)

<u>Week</u>	<u>Dates</u>	<u>Topics</u>	<u>Readings</u>
1	May 2	Intro. to the human skeleton Bone structure and function - macroscopic	W - Chapters 1, 4 (pp. 31- 42)
1	May 4	Excavating human remains Clavicle, scapula	W - Chapters 2, 11
2	May 9	Joints Vertebral column, hyoid, sternum, and ribs Quiz #1	W - Chapters 9, 10
2	May 11	Bone structure – microscopic Bone growth & development Humerus, radius, ulna	W – Chapters 4 (pp. 42 – 48), 12
3	May 16	Bones of the hand	W – Chapter 13
3	May 18	Practical Exam #1 Pelvis (innominate, sacrum) Pelvis – sex estimation	W – Chapter 14, Chapter 19 (pp. 385-398)
4	May 23	Written Exam #1 Femur, tibia, fibula	W - Chapter 15
4	May 25	Stature estimation Bones of the feet Quiz #2	W – Chapter 16 W – Chapter 19 (pp. 398-400)
5	May 30	Cranium	W - Chapter 7 (pp. 75-103)
5	June 1	Facial skeleton	W – Chapter 7 (pp. 104 –125)
6	June 6	Dentition	W - Chapter 8
6	June 8	Cranium – sex estimation & ancestry Aspects of Identification – Adult Aging Quiz #3	W – Chapter 19 (pp. 359-385; 385-398; 400-410)
7	June 13	Practical Exam #2 Aspects of Identification – Subadult Aging	Chapter 19 (pp. 364-374)
7	June 15	Final Written Exam	

Course Materials and Avenue to Learn (ATL)

Lectures will be presented using Power Point, an abbreviated version of which will be posted weekly on ATL. Grades for the practical quizzes and exams will also be posted using ATL. You must be registered in the course to have access to the 2FF3 site. **Please familiarize yourself with the Avenue to Learn system.** You can access ATL at: <http://avenue.mcmaster.ca>

Learning Assessments

Online Quizzes (x3) - (5% each) 15%

These will be quizzes posted on Avenue to Learn. You will be asked to identify skeletal elements, as well as identify features and characteristics on bones used to determine age, sex, ancestry, etc... These quizzes are designed to test how well you are learning the skeletal material.

Practical Exams (x2) – (20% each) 40%

The practical exams will consist of a series of stations requiring identification of bones, siding, and identification of features on bones.

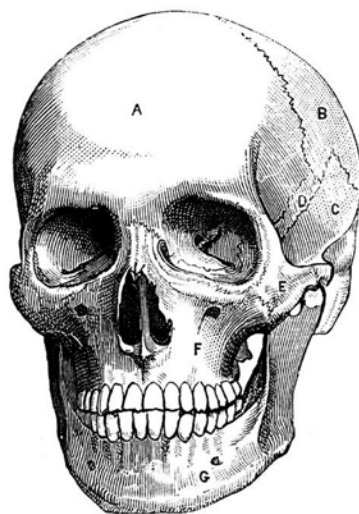
Written Exams (x2) – 45%

Exam 1 - 20%
Final Exam - 25%

These exams will consist of short-answer and essay questions related to material from lectures, labs, and readings. They will evaluate your ability discuss methodology and think critically about concepts you have learned in class.

Special Accommodations

Any student with special learning requirements should contact Dr. Prowse by the end of the 2nd week of classes at the latest. You should have written confirmation from Student Accessibility Services (SAS), or arrange electronic confirmation of your SAS status. Students can contact SAS to arrange assistance in the completion of exams. <http://sas.mcmaster.ca/>



Missed Exams/Assignments

Students are responsible for arranging make-up exams or assignments with the instructor. Late assignments without appropriate documentation will be penalized **10% per day late**. **Grades for missed exams will not be re-weighted.** You must complete a make-up exam or assignment.

No accommodations will be provided unless written certification, approved by your Faculty office, is provided. Please see the NEW MSAF (McMaster Student Absence Forms) website: <http://www.mcmaster.ca/msaf/>

COURSE MODIFICATION

The instructor and university reserve the right to modify elements of the course during the term. The university may change the dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with explanation and the opportunity to comment on changes. It is the responsibility of the student to check their McMaster email and course websites weekly during the term and to note any changes.

MSAF

- The MSAF should be used for medical and non-medical (personal) situations.
- Approval of the MSAF is automatic (i.e. no documentation required)
- Rules governing the MSAF are as follows:
 - The timeframe within which the MSAF is valid has been reduced from 5 days to 3 days.
 - The upper limit for when an MSAF can be submitted has been reduced from 'less than 30%' to 'less than 25%' of the course weight.
 - The 'one MSAF per term' limit is retained.
 - As per the policy, an automated email will be sent to the course instructor, who will determine the appropriate relief. Students must immediately follow up with their instructors. Failure to do so may negate their relief.
- Policy: The MSAF policy can be found in the Undergraduate Calendar under General Academic Regulations > Requests for Relief for Missed Academic Term Work or here:
[http://academiccalendars.romcmaster.ca/content.php?catoid=11&navoid=1698#Requests for Relief for Missed Academic Term Work](http://academiccalendars.romcmaster.ca/content.php?catoid=11&navoid=1698#Requests_for_Relief_for_Missed_Academic_Term_Work)

STATEMENT ON ACADEMIC DISHONESTY

Academic dishonesty consists of misrepresentation by deception or by other fraudulent means and can result in serious consequences, e.g., the grade of zero on an assignment, loss of credit with a notation on the transcript (notation reads: "Grade of F assigned for academic dishonesty"), and/or suspension or expulsion from the university. It is your responsibility to understand what constitutes academic dishonesty. For information on the various kinds of academic dishonesty please refer to the Academic Integrity Policy, Appendix 3, www.mcmaster.ca/senate/academic/ac_integrity.htm

The following illustrates only three forms of academic dishonesty:

1. Plagiarism, e.g., the submission of work that is not one's own for which other credit has been obtained.
2. Improper collaboration in group work.
3. Copying or using unauthorized aids in tests and examinations.

FACULTY OF SOCIAL SCIENCES E-MAIL COMMUNICATION POLICY

Effective September 1, 2010, it is the policy of the Faculty of Social Sciences that all e-mail communication sent from students to instructors (including TAs), and from students to staff, must originate from the student's own McMaster University e-mail account. This policy protects confidentiality and confirms the identity of the student. It is the student's responsibility to ensure that communication is sent to the university from a McMaster account. If an instructor becomes aware that a communication has come from an alternate address, the instructor may not reply at his or her discretion.

Email Forwarding in MUGSI:

<http://www.mcmaster.ca/uts/support/email/emailforward.html>

*Forwarding will take effect 24-hours after students complete the process at the above link
(Approved at the Faculty of Social Sciences meeting on Tues. May 25, 2010)

AODA

If you require this information in an alternate/accessible format, please contact Delia Hutchinson at 905-525-9140 extension 24523 or email hutchin@mcmaster.ca