

Anthropology 2FF3 - Human Skeletal Biology and Bioarchaeology



Class Schedule Jan 2018:

Tuesdays

11:30am - 2:20pm

Location -

CHESTER NEW HALL 407
(Shelley Saunders Lab)

COURSE DESCRIPTION

This course is intended for students 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
- **identify** 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.

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
Office hours: Tuesdays 2:30-4:30pm

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	Jan 9	Intro. to lab Intro. to human skeleton	W - Chapter 1
2	Jan 16	Bone - microscopic Ribs, sternum, clavicle, scapula	W – Chapters 4 (pp. 31- 48), 10, 11
3	Jan 23	Bone growth & Joints Vertebral column & pelvic girdle Online Quiz #1 (Jan 26-28)	W - Chapters 9, 14
4	Jan 30	Humerus, radius, ulna Bones of the hand	W – Chapters 12, 13
5	Feb 6	Excavating human remains Femur, tibia, fibula Online Quiz #2 (Feb 9-11)	W – Chapters 2, 15
6	Feb 13	Practical Exam #1 Stature estimation Sex estimation – pelvis	W – Chapter 19 (pp. 392-400)
-	Feb 20	No Class – Break	
7	Feb 27	Written Exam Bones of the feet	W – Chapter 16
8	Mar 6	Cranium, Part I	W - Chapter 7 (pp. 75-103)
9	Mar 13	Cranium II - Facial skeleton	W – Chapter 7 (pp. 104 – 125)
10	Mar 20	The Dentition Online Quiz #3 (March 23-25)	W – Chapter 8
11	Mar 27	Practical Exam #2 Sex and ancestry estimation – cranium	W – Chapter 19 (pp. 385-404)
12	Apr 3	Aspects of Identification – Aging Take home final exam handed out	W – Chapter 19 (pp. 359-385; 400-410)

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.

Learning Assessments

Online Quizzes (x3) - (6% each) 18%
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.

Midterm Written Exam – 26%
The midterm exam 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.

Practical Exams (x2) - (15% each) 30%
The practical component of the exam will be a series of stations with requiring identification of bones, siding, and a series of questions.

Take Home Final Exam - 26%
This will consist of case studies that require written responses to a series of questions relating to the cases.

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/>

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>

Attendance

Attendance is **essential** if you want to do well in this course. The course relies on **active** participation and **consistent** student involvement.

Missed labs cannot be made up without a valid medical excuse. There are **open labs** available for students to review material and to prepare for the practical exams. The schedule for open labs will be posted in CNH 407 and on A2L.



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/>



MSAF INFORMATION

- 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