

ANTH/CRIM 3136 WA/WDE Forensic Anthropology 2024

Professor: Dr. Tamara Varney

Live class time: Mon & Wed 5:30-7pm

Lab: Tues 2:30-5:30 as on schedule below

Email: tvarney@lakeheadu.ca

Office Hours: *by appointment** you can email questions OR schedule a Zoom session*

Do not leave phone messages

Students should NOT expect less than 24 hour turnaround time to email messages. Please do NOT assume that your message has been received unless you receive an acknowledgment.

Course Description:

This course provides an examination of the role of the forensic anthropologist within the forensic sciences. Topics include recovery methods, techniques of skeletal analysis, and the role of the forensic anthropologist in different contexts and as an expert witness.

Required Textbooks: (available at the University Bookstore)

Byers SN & CA Juarez 2023 *Introduction to Forensic Anthropology*. 6th Edition. Routledge
ISBN-13 978-1032255590

Steadman DW 2009 *Hard Evidence: case studies in forensic anthropology*. 2nd Edition. Routledge.
ISBN 978-1315664057

Lakehead's Accommodation & Confidentiality Statements:

Lakehead University is committed to achieving full accessibility for persons with disabilities/medical conditions. Part of this commitment includes arranging academic accommodations for students with disabilities/medical conditions to ensure they have an equitable opportunity to participate in all of their academic activities. If you are a student with a disability/medical condition and think you may need accommodations, you are strongly encouraged to contact Student Accessibility Services (SAS) and register as early as possible. For more information, please email sas@lakeheadu.ca or visit <https://www.lakeheadu.ca/faculty-and-staff/departments/services/sas>

In **ANTH/CRIM 3136 WA/WDE**, in the context of remote instruction and participation, video and audio recordings of class activities will be made to ensure students and instructors' easy and comprehensive access to those activities. The recordings are confidential and are intended only for the use of the course students and instructors. They may otherwise not be used or disclosed. During recording, to protect others' privacy, each student should ensure that no one else is present in the location where they are being recorded without that non-student's consent. The recordings are made under the authority of sections 3 and 14 of *The Lakehead University Act, 1965*. Questions about the collection of the images and sounds in the recordings may be directed to Dr. Todd Randall (Dean, Faculty of Science and Environmental Studies), todd.randall@lakeheadu.ca, 807-343-8289

Important Dates & Grading:

| | Date | Location | Value |
|--------------|--|--|-------|
| Quiz 1 | T, Jan 23 (opens 8am for 24 hours) | myCourseLink/D2L – under the Quizzes tab | 5 % |
| Quiz 2 | T, Jan 30 (opens 8am for 24 hours) | | 5 % |
| Lab 1 | T, Feb 6 due at end of lab | BB2002 | 5 % |
| Quiz 3 | M , Feb 5 (opens 8am for 24 hours) | | 5 % |
| Quiz 4 | T , Feb 13 (opens 8am for 24 hours) | | |
| BREAK | WEEK | | |
| Quiz 5 | M , Feb 26 (opens 8am for 24 hours) | | |
| Lab 2 | T, Feb 27 due at the end of lab | BB2002 | 5 % |
| Midterm Exam | T, Mar 5 (opens 8am for 24 hours) | myCourseLink/D2L – under the Quizzes tab | |
| Lab 3 | T, Mar 12 due at the end of lab | BB2002 | 20 % |
| Quiz 6 | T, Mar 19 (opens 8am for 24 hours) | | 5 % |
| Quiz 7 | T, Mar 26 (opens 8am for 24 hours) | | 5 % |
| Study labs | T, Mar 19 & 26 | BB2002 | |
| Lab Test | T, Apr 2 | BB2002 | 5 % |
| Final Exam | TBD - see April exam timetable (April 16-25 – contingency day is Apr 26) | myCourseLink/D2L – under the Quizzes tab | 25 % |

Quizzes and exams are multiple choice, true/false, and fill in the blank diagrams (mostly anatomy) format. All quizzes and tests are **CLOSED BOOK** tests to be done without the use of any course or other materials.

Quizzes are 'timed' and administered on MyCourseLink, and will relate to the previous week's course material only. Students will have one time window/opportunity to take the test and if you take time for a disallowed looking up of answers you may 'time out' before completion.

NOTE: Both Midterm and Final Exam are cumulative tests

Please note that **Friday, March 8, 2024** is the *last date for withdrawal without academic penalty* from this course. Students will have received feedback on at least 25% of the course mark by that date.

****NOTE** – this date may change as it did last term.

Missed labs, quizzes, tests, and exams will not be made-up unless official documentation of a reasonable excuse is submitted (e.g. student or family illness, death of family member, car accident). The same policy applies to **missed due dates for Assignments**. Please note that going off on holidays or leaving early for Study Break or at the end of term does not constitute a reasonable excuse. Please contact instructors *within 48 hrs.* of any missed due date or test to determine if it is possible to re-schedule a test.

Students are strongly advised to familiarize themselves with the Student Code of Conduct (<http://policies.lakeheadu.ca/policy.php?pid=60>) with regard to **both** academic and non-academic misconduct. Non-compliance will NOT be tolerated in this course and the code will be adhered to in terms of disciplinary action.

Use of AI

Generative artificial intelligence (Generative AI or GenAI) is a category of AI systems capable of generating text, images, or other media in response to prompts. These systems include ChatGPT and its variant Bing (built by OpenAI) and Bard (built by Google) among several others. Other Generative AI models include artificial intelligence art systems such as Stable Diffusion, Midjourney, and DALL-E. **The use of any GenAI systems to produce assignments or answers on tests for this course is NOT permitted.** All work submitted for evaluation in this course must be the student's original work. The submission of any work containing AI generated content will be considered a violation of academic integrity ("Use of Unauthorized Materials").

Tentative Schedule:

****Dates and subjects are tentative until any guest speakers are confirmed but the tentative schedule will provide you with a general guideline for studying – to ensure adequate study time test dates will never be moved back, only forward if need be to accommodate a guest speaker – updates to the schedule will be provided via D2L and notices will be sent via email – so check regularly.**

| Week | Date | Topic | Byers* | Steadman |
|------|-----------|---|-------------------|--------------------------------------|
| | | | | |
| 1 | M, Jan 8 | Introduction to the Course | | |
| | T, Jan 9 | NO LAB – NO QUIZ | | |
| | W, Jan 10 | No formal lecture - I will stay in zoom for the 15 minutes only unless students are there in order to answer any questions etc. | | |
| 2 | M, Jan 15 | Introduction to Forensic Anthropology | Ch 1 | Section I p 1-7 Ch 1 & 2 |
| | T, Jan 16 | NO LAB – NO QUIZ | | |
| | W, Jan 17 | Guest Speaker: Dr. Deborah Merrett, Anthropology, LU -Canadian case studies | | Ch 16 |
| | | | | |
| 3 | M, Jan 22 | The Human Skeleton; | Ch 2 & 6 | |
| | T, Jan 23 | NO LAB – QUIZ 1 | | |
| | W, Jan 24 | TBA Tips on learning skeletal anatomy | Ch 2 | |
| 4 | M, Jan 29 | Establishing the Medicolegal Significance: human or non-human | Ch 3 Pp 66-80 | Ch 19 |
| | T, Jan 30 | NO LAB – QUIZ 2 | | |
| | W, Jan 31 | Establishing the Medicolegal Significance: contemporary or not | Ch 3 Pp 80-end | Ch 8 |
| 5 | M, Feb 5 | Estimating Time Since Death – the Post-mortem Interval; QUIZ 3 | Ch 5 | Section IV P 155-164 Ch 13 |
| | T, Feb 6 | LAB 1 – due at the end of the class Details TBA | | |

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| | W, Feb 7 | Attribution of Ancestry | Ch 7 | |
| 6 | M, Feb 12 | Attribution of Sex | Ch 8 | Ch 3 & 4 |
| | T, Feb 13 | NO LAB – QUIZ 4 | | |
| | W, Feb 14 | Estimation of Age at Death I | Ch 9 | |
| 6 | M, Feb 19 | BREAK WEEK – NO CLASS | | |
| | T, Feb 20 | BREAK WEEK – NO CLASS | | |
| | W, Feb 21 | BREAK WEEK – NO CLASS | | |
| 7 | M, Feb 26 | Estimation of Age at Death II QUIZ 5 | Ch 9 | |
| | T, Feb 27 | LAB 2 Details TBA | | |
| | W, Feb 28 | Estimation of Stature | Ch 10 | |
| 8 | M, Mar 4 | TBA | | |
| | T, Mar 5 | MIDTERM | | |
| | W, Mar 6 | Guest Speaker: Dr. Scott Hamilton, Anthropology, LU: Forensic Archaeology/Recovery | Ch 4 | |
| 9 | M, Mar 11 | Recovery II | Ch 4 | |
| | T, Mar 12 | LAB 3 Details TBA | | |
| | W, Mar 13 | Guest Speaker:TBA | | |
| 10 | M, Mar 18 | Individualization | Ch 4 & 6 | Section !!! P 103-112 Ch 9 & 10 |
| | T, Mar 19 | QUIZ 6 | | |
| | W, Mar 20 | Study Tips for Lab Test – Q & A | | |
| 11 | M, Mar 25 | Manner & Cause of Death | Ch 15 & 18 p 423- 30 Ch 11 & 17 | Sec. VI P 271-279 Ch 11, 20, 22-25 |
| | T, Mar 26 | STUDY LAB – QUIZ 7 | | |

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| | W, Mar 27 | Manner & Cause of Death II | Ch 13 & 14 Ch 16 | Sec IV p155- 164 Ch 15 Ch, 12, 14, & 17 |
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| 12 | M, Apr 1 HOLIDAY | | | |
| | T, Apr 2 | LAB TEST | | |
| | W, Apr 3 | Post mortem change in bone | | |
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| 13 | M, Apr 8 | | | |
| | T, Apr 9 | | | |
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| | TBA | Q & A before Final Exam | | |
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| | April 12-22 23th is the contingency day in case of cancellations | FINAL EXAM | | |