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Fall 9-1-2018

# ANTY 314.01: Principles of Forensic Anthropology

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### **ANTHROPOLOGY 314**

## PRINCIPLES OF FORENSIC ANTHROPOLOGY

Dr. Randall Skelton 226 Social Sciences Building

Office Hours: MWF 10:00-11:00, TR: 8:00-9:00

Email: randall.skelton@umontana.edu

#### **GOALS AND PURPOSE**

Students who successfully pass this class will acquire knowledge of the following:

- Basic forensic science, crime scene processing, and rules for handling evidence
- Forensic archaeology, including finding and recovering buried evidence
- State and federal burial regulations
- Criteria for evaluating the forensic relevance of discovered remains
- The nature, structure, composition, evolution, and function of bones and the skeleton
- The bones of the skeleton and some of their more important features
- Distinguishing human from non-human bones
- Methods for estimating age, sex, race, height, pathology, and trauma from the skeleton
- The role of forensic anthropologists in mass disasters, documenting human rights violations, recovery of war dead, and as expert witnesses in court
- How to write recovery reports, osteological inventories, and forensic reports

#### **ADMINISTRIVIA**

**Required Texts:** The Burns text and assignments facpak will be absolutely vital for doing your assignments. The Steadman text is less critical.

- Burns, Karen Ramey, 2012. Forensic Anthropology Training Manual. 3<sup>rd</sup> Edition. Prentice Hall. (ISBN 0205022596)
- Steadman, Dawnie Wolfe, 2009. *Hard Evidence: Case Studies in Forensic Anthro.* 2<sup>nd</sup> Edition Prentice Hall. (ISBN 0136050735)

**Lecture notes:** Lecture notes for this class and other the course pack will be posted on the University's Moodle online class system. Enrolled students should receive an email from the administrators of Moodle telling them how to access the system. This email will come to your official University email address. If you do not know how to access Moodle or your official University email please contact the Help Desk in SS 120.

**Attendance Policy:** As experience has shown that students who attend class do markedly better than those who do not, attendance will be taken (at least randomly) and attendance will contribute to students' grades.

**Academic Integrity:** Students will be held to the provisions of the Student Conduct Code with regards to cheating, plagiarism, abusive language, and other issues. Violations will not be tolerated. Students may work together on homework assignment, b32693ut each student must turn in an assignment prepared and written by themself. If submitted assignments are copies (identical or not) the credit for that assignment will be divided equally among all the copies.

**Disabilities:** Students with disabilities are encouraged to meet with me to discuss any accommodations they require. Accommodation services and facilities will be provided by DSS.

**Grading**: Three non-cumulative midterm exams and a cumulative final exam will be offered. 50% of your grade will be based on the best three scores out of these 4 exams. Another 40% of your grade will be based on four written assignments: a recovery report, a skeletal inventory report, a skeletal analysis report, and an identity report that presents your overall conclusion based on all the evidence you examined. The final 10% of your grade will reflect attendance. The grading mode is "open" meaning that you can take the class for a traditional grade or CR/NCR. If you take a class CR/NCR you cannot count it toward specific major, minor, option, or certificate requirements that require a minimum grade.

## ANTY 314: Prin Forensic Anth – Provisional Lecture & Reading Schedule

It will be helpful to you to bring your Burns textbook to class on the days marked with a \*.

DATE   DAY   LECTURE   READINGS: B = Burns, S = Steadman	PART '	1: FORE	ENSIC ARCHAEOLOGY		
8/29   W   2. The Criminal Case Start to Finish   B: 6-8, 180-184     8/31   F   S   The Forensic Sciences   B: 184-188     8/31   F   W   4. The Criminal Case Start to Finish     8/5   W   4. The Crime Scene     9/7   F   W   4. The Crime Scene     9/7   F   S   Forensic Science   B: 239-247, 263-267; S: 103-132     9/10   M   6. Site Context   S: 255-270     9/11   F   S   Chain of Custody and Bone Conservation     12   W   1. Chain of Custody and Bone Conservation     13   W   1. The Assignment 1 (Testing Hypotheses     9/17   M   9. Taphonomy and Time Since Death     9/19   W   10. Critique of Assignment 1     11   MIDTERM 1   III     12   MIDTERM 1   III     13   Middle	<b>DATE</b>	DAY	<u>LECTURE</u>	READINGS: B = Burns, S = Steadman	
Big   Find   Simple   Find   Simple   Find	8/27	M	1. What is Forensic Anthropology?	B: xv-6; S: 1-28	
9/5 W 4. The Crime Scene 9/7 F 5. Finding Burled Evidence B: 239-247, 263-267; S: 103-132 9/10 M 6. Site Context S: 255-270 9/11 W 7. Grave Excavation and Context S: 255-270 9/12 W 7. Grave Excavation and Context S: 257-270 9/14 F 8. Chain of Custody and Bone Conservation Witten Assignment 1 (Testing Hypotheses About a Theory of the Case) Due 9/17 M 9. Taphonomy and Time Since Death W: 10. Critique of Assignment 1 9/19 W 10. Critique of Assignment 1 9/19 W 10. Critique of Assignment 1 9/19 W 11. Skeletal Inventory & Anatomical Terms B: 16-24, 189-197 19/20 F 12. Osteology of the Skull B: 255-1, 55 19/28 F 13. Osteology of the Skull B: 255-1, 55 19/28 F 13. Osteology of the Osteranial Skeleton B: 56-152 10/10 M 14. Teeth B: 130-163 10/10 W 15. Bone Chemistry S: 197-226 10/10 F 16. Bone as an Organ System S: 3-6 10/10 W 17. Bone as a Tissue B: 9-16 10/10 W 18. Bone Remodeling Witten Assignment 2 (Skeletal Inventory) Due 10/10 W 18. Bone Remodeling D: Evolution and Functions of the Skeleton 10/15 M 20. Critique of Assignment 2 10/17 W 20. Lit Really Bone and is it Human? 10/19 F 22. Is it Really Bone and is it Human? 10/19 W 23. Estimating Sex B: 197-198, 52-54, 112-115 10/19 W 24. Estimating Race B: 197-198, 52-54, 112-115 10/10 W 25. Estimating Race B: 197-198, 52-54, 112-115 10/10 W 26. Estimating Age: The Later Years B: 197-198, 52-54, 116-121, 169-172 11/10 W 27. Estimating Age: The Later Years B: 197-198, 52-54, 116-121, 169-172 11/10 W 28. Pathology B: 198-202 11/10 W 29. Trauma B: 220-214 11/10 W 29. Trauma B: 220-214 11/10 W 29. Trauma B: 228-235 11/11 Witten Assignment 3 (Forensic Report) Due 11/10 M 30. Measuring bones Witten Assignment 3 (Forensic Report) Due 11/10 M 31. Discriminant Functions B: 276-298 11/10 M 31. Protection Assignment 3 (Forensic Report) Due 11/10 M 32. Critique of Assignment 3 (Forensic Report) Due 11/10 M 33. Critique of Assignment 3 (Forensic Report) Due 11/10 M 34. Positive Identification B: 276-298 11/10 M 34. Positive Identification B: 276-298 11/10 M 34. Historical Forensic S	8/29	W	2. The Criminal Case Start to Finish	B: 6-8, 180-184	
9/5	8/31	F	3. The Forensic Sciences	B: 184-188	
9/5 W 4. The Crime Scene 9/7 F 5. Finding Buried Evidence B: 239-247, 263-267; S: 103-132 9/10 M 6. Site Context S: 255-270 9/12 W 7. Grave Excavation and Context B: 247-254, 262; S:91-102. 9/14 F 8. Chain of Custody and Bone Conservation Written Assignment 1 (Testing Hypotheses About a Theory of the Case) Due 9/17 M 9. Taphonomy and Time Since Death B: 255-261; S:155-178 9/19 W 10. Critique of Assignment 1 9/21 F 1!! MIDTERM 1 !!!  PART 2: OSTEOLOGY 9/24 M 11. Skeletal Inventory & Anatomical Terms B: 16-24, 189-197 9/26 W 12. Osteology of the Skull B: 255-1, 55 9/28 F 13. Osteology of the Postranial Skeleton B: 56-152 *10/1 M 14. Teeth B: 56-152 *10/1 M 14. Teeth B: 153-163 *10/3 W 15. Bone Chemistry S: 197-226 *10/5 F 16. Bone as an Organ System S: 3-6 10/8 M 17. Bone as a Tissue B: 9-16 Written Assignment 2 (Skeletal Inventory) Due 10/10 W 18. Bone Remodeling 10/12 F 19. Evolution and Functions of the Skeleton 10/15 M 20. Critique of Assignment 2 10/17 W 21. Human Uniqueness 10/24 W 23. Estimating Race B: 197-198, 52-54, 112-115 *10/24 W 23. Estimating Race B: 197-198, 52-54, 112-115 *10/25 P 24. Estimating Race B: 197-198, 52-54, 112-115 *10/31 W 26. Estimating Race B: 51, 71-72, 82-84, 116-121, 169-172 *11/1 W 27. Estimating Age: The Later Years B: 51, 71-72, 82-84, 116-121, 169-172 *11/17 W 28. Pathology B: 138-202 *11/19 F 30. Measuring bones B: 228-235 *10/19 F 30. Measuring bones ***Werterns Day Holiday *** **Werterns Day Holiday *** ***Werterns Day Holiday *** **Werterns Day Holiday *** ***Werterns Day Holiday *** ***Werterns Day Holiday *** ***Wirter Assignment 3 (Forensic Report) Due ***Written Assignment 3 (Forensic Report) Due ***Written Assignment 4 (Identity Report) Due ***Written Assignment 3 (Forensic Science ***Written Assignment 4 (Identity Report) Due ***Written Assignment 5 (Identity Report) Due ***Written Assignment 6 (Identity Report) Due ***Written As	9/3	M	*** Labor Day Holiday ***		
9/10   M   6. Site Context   S: 255-270     9/12   W   7. Grave Excavation and Context   B: 247-254, 262; S: 91-102.     9/14   F   8. Chain of Custody and Bone Conservation     1	9/5	W			
9/10   M   6. Site Context   S: 255-270     9/12   W   7. Grave Excavation and Context   B: 247-254, 262; S: 91-102.     9/14   F   8. Chain of Custody and Bone Conservation   B: 189-195     9/17   M   9. Taphonomy and Time Since Death   B: 255-261; S: 155-178     9/19   W   10. Critique of Assignment 1     9/21   F   III MIDTERM 1   III     PART 2: OSTEOLOGY     9/24   M   11. Skeletal Inventory & Anatomical Terms   B: 16-24, 189-197     9/26   W   12. Osteology of the Skull   B: 25-51, 55     9/28   F   13. Osteology of the Postcranial Skeleton   B: 56-152     10/10   M   14. Teeth   B: 153-163     10/10   W   15. Bone Chemistry   S: 197-226     10/10   W   17. Bone as an Organ System   S: 3-6     10/10   W   18. Bone Remodeling   B: 9-16     Written Assignment 2 (Skeletal Inventory) Due     10/10   W   18. Bone Remodeling     10/12   F   19. Evolution and Functions of the Skeleton     10/17   W   21. Human Uniqueness     10/19   F   22. Is it Really Bone and is it Human?     10/10   W   23. Estimating Sex   B: 197-198, 52-54, 112-115     10/10   F   24. Estimating Race   B: 664, 222-227, 238     10/10   F   25. Estimating Age: The Early Years   B: 197, 155-168     10/10   F   27. Estimating Height, Weight, & Occupation     10/15   F   28. Pathology   B: 173-179     11/10   F   29. Trauma   B: 202-214     11/10   F   30. Measuring bones   B: 228-235     11/12   M   17. Estimating Internal Stimulation   B: 236-237     Written Assignment 3 (Forensic Report) Due     11/16   F   32. Race Revisited   B: 268-275     Written Assignment 4 (Identity Report) Due     11/10   F   36. Mass Disasters, War, and Human Rights   B: 276-298     12/3   W   38. Historical Forensic Science     12/3   W   38. Historical Forensic Science     12/10	9/7	F	5. Finding Buried Evidence	B: 239-247, 263-267; S: 103-132	
9/14   F   8. Chain of Custody and Bone Conservation   9/17   W   9. Taphonomy and Time Since Death   9. 25 - 261; S:155-178   9/19   W   10. Critique of Assignment 1   9/21   F   111 MIDTERM 1   111   111   9/21   F   111 MIDTERM 1   111   9/21   F   111 MIDTERM 1   111   9/21   9/21   F   111 MIDTERM 1   111   9/21   9/22   F   13. Osteology of the Skull   8: 25-51, 55   9/28   F   13. Osteology of the Skull   8: 25-51, 55   9/28   F   13. Osteology of the Postcranial Skeleton   8: 153-163   163   170/3   W   15. Bone Chemistry   S: 197-226   10/10   M   14. Teeth   8: 153-163   197-226   10/10   W   15. Bone as an Organ System   S: 9-16   9/16   Written Assignment 2 (Skeletal Inventory) Due   10/10   W   18. Bone Remodeling   10/12   F   19. Evolution and Functions of the Skeleton   10/15   M   20. Critique of Assignment 2   10/17   W   21. Human Uniqueness   10/12   M   10/17   W   23. Estimating Race   B: 197-198, 52-54, 112-115   10/12   W   23. Estimating Race   B: 197-198, 52-54, 112-115   10/12   F   24. Estimating Race   B: 197-198, 52-54, 116-121, 169-172   11/12   F   27. Estimating Age: The Early Years   B: 197, 17-72, 82-84, 116-121, 169-172   11/12   M   28. Pathology   B: 173-179   B: 202-214   11/14   W   29. Trauma   B: 202-214   11/14   W   31. Discriminant Functions   B: 236-237   Written Assignment 3   Forensic Report) Due   11/16   M   33. Critique of Assignment 3   11/21-23   W   34. Hostive Identifications   B: 215-221   11/30   F   36. Mass Disasters, War, and Human Rights   B: 276-298   11/30   F   36. Mass Disasters, War, and Human Rights   B: 276-298   11/30   F   36. Mass Disasters, War, and Human Rights   B: 276-298   11/30   F   36. Mass Disasters, War, and Human Rights   B: 276-298   11/30   F   36. Mass Disasters, War, and Human Rights   B: 276-298   11/30   F   36. Mass Disasters, War, and Human Rights   B: 276-298   11/30   F   36. Mass Disasters, War, and Human Rights   B: 276-298   11/30   F   11/30   F   36. Mass Disasters, War, and Human Rights   B: 276-298   11/30   F	9/10	M			
Section   Sect	9/12	W	7. Grave Excavation and Context	B: 247-254, 262; S:91-102.	
Written Assignment 1 (Testing Hypotheses About a Theory of the Case) Due	9/14	F	8. Chain of Custody and Bone Conservation	B: 189-195	
9/17   M   9. Taphonomy and Time Since Death   9/21   F   111 MIDTERM 1 !!!     PART 2: OSTEOLOGY     9/24			Written Assignment 1 (Testing Hypotheses	s About a Theory of the Case) Due	
9/19 W 10. Critique of Assignment 1 9/21 F !!! MIDTERM 1 !!!  PART 2: OSTEOLOGY 9/24 M 11. Skeletal Inventory & Anatomical Terms B: 16-24, 189-197 *9/26 W 12. Osteology of the Skull B: 25-51, 55 *9/28 F 13. Osteology of the Postcranial Skeleton B: 56-152 *10/10 M 14. Teeth B: 153-163 *10/3 W 15. Bone Chemistry S: 197-226 *10/5 F 16. Bone as a Tissue B: 9-16 Written Assignment 2 (Skeletal Inventory) Due  10/10 W 18. Bone Remodelling 10/12 F 19. Evolution and Functions of the Skeleton 10/15 M 20. Critique of Assignment 2 10/17 W 21. Human Uniqueness 10/19 F 22. Is it Really Bone and is it Human? 10/22 M !!! MIDTERM 2 !!!  PART 3: SKELETAL ANALYSIS 10/24 W 23. Estimating Sex B: 197-198, 52-54, 112-115 *10/26 F 24. Estimating Age: The Early Years B: 164, 222-227, 238 *10/29 M 25. Estimating Age: The Early Years B: 197, 165-168 *10/31 W 26. Estimating Age: The Later Years B: 197, 165-168 *11/2 F 27. Estimating Bones B: 228-235 *11/12 F 30. Measuring bones B: 228-235 *11/12 M *** Veterans Day Holiday *** 11/14 W 31. Discriminant Functions B: 236-237 Written Assignment 3 (Forensic Report) Due  11/30 F 36. Mass Disasters, War, and Human Rights B: 276-298 12/3 W 38. Historical Forensic Science !!! MIDTERM 3 !!!	9/17	M			
PART 2: OSTEOLOGY 9/24 M 11. Skeletal Inventory & Anatomical Terms	9/19	W	10. Critique of Assignment 1		
9/24   M	9/21	F	!!! MIDTERM 1 !!!		
9/24   M	D4.DT		201.007		
*9/26         W         12. Osteology of the Skull         B: 25-51, 55           *9/28         F         13. Osteology of the Postcranial Skeleton         B: 56-152           *10/3         W         15. Bone Chemistry         S: 197-226           *10/5         F         16. Bone as an Organ System         S: 3-6           *10/8         M         17. Bone as a Tissue         B: 9-16           Written Assignment 2 (Skeletal Inventory)         Due           *10/10         W         18. Bone Remodeling           10/12         F         19. Evolution and Functions of the Skeleton           10/15         M         20. Critique of Assignment 2           10/17         W         21. Human Uniqueness           10/19         F         22. Is it Really Bone and is it Human?           10/22         M         !!!! MIDTERM 2 !!!           PART 3: SKELETAL ANALYSIS           10/24         W         23. Estimating Sex         B: 197-198, 52-54, 112-115           *10/26         F         24. Estimating Age: The Later Years         B: 164, 222-227, 238           *10/29         M         25. Estimating Age: The Later Years         B: 197, 17-52, 82-84, 116-121, 169-172           *11/2         F         27. Estimating Age: The Later Years				D: 40 04 400 407	
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*10/1 M 14. Teeth S 15. Bone Chemistry S: 197-226  10/5 F 16. Bone as an Organ System S: 3-6  10/8 M 17. Bone as a Tissue B: 9-16  Written Assignment 2 (Skeletal Inventory) Due  10/10 W 18. Bone Remodeling  10/12 F 19. Evolution and Functions of the Skeleton  10/15 M 20. Critique of Assignment 2  10/17 W 21. Human Uniqueness  10/19 F 22. Is it Really Bone and is it Human?  10/22 M !!! MIDTERM 2 !!!  PART 3: SKELETAL ANALYSIS  10/24 W 23. Estimating Sex B: 197-198, 52-54, 112-115  10/26 F 24. Estimating Race B: 164, 222-227, 238  *10/29 M 25. Estimating Age: The Early Years B: 197, 165-168  *10/31 W 26. Estimating Age: The Later Years B: 51, 71-72, 82-84, 116-121, 169-172  *11/2 F 27. Estimating Height, Weight, & Occupation B: 198-202  11/5 M 28. Pathology B: 173-179  *11/17 W 29. Trauma B: 202-214  11/19 F 30. Measuring bones B: 228-235  *11/14 W 31. Discriminant Functions B: 236-237  Written Assignment 3 (Forensic Report) Due  11/16 F 32. Race Revisited  11/17 M 33. Critique of Assignment 3  *** Veterans Day Holiday ***  *** Thanksgiving Vacation ***  11/21 -23 W-F 36. Mass Disasters, War, and Human Rights W: 276-298  11/30 F 36. Mass Disasters, War, and Human Rights S: 276-298  12/3 M 38. Historical Forensic Science  12/5 F !!! MIDTERM 3 !!!					
*10/3 W 15. Bone Chemistry S: 197-226 10/5 F 16. Bone as an Organ System S: 3-6 10/8 M 17. Bone as a Tissue B: 9-16			•		
10/5   F					
17. Bone as a Tissue					
10/10					
10/10   W	10/8	M			
10/12 F       19. Evolution and Functions of the Skeleton         10/15 M       20. Critique of Assignment 2         10/17 W       21. Human Uniqueness         10/19 F       22. Is it Really Bone and is it Human?         10/22 M       !!! MIDTERM 2 !!!         PART 3: SKELETAL ANALYSIS         10/24 W       23. Estimating Sex       B: 197-198, 52-54, 112-115         *10/26 F       24. Estimating Race       B: 164, 222-227, 238         *10/29 M       25. Estimating Age: The Early Years       B: 197, 165-168         *10/31 W       26. Estimating Height, Weight, & Occupation       B: 51, 71-72, 82-84, 116-121, 169-172         *11/2 F       27. Estimating Height, Weight, & Occupation       B: 198-202         *11/17 W       29. Trauma       B: 202-214         *11/19 F       30. Measuring bones       B: 228-235         *11/12 M       *** Veterans Day Holiday ***         *11/14 W       31. Discriminant Functions       B: 236-237         Written Assignment 3 (Forensic Report) Due         *11/16 F       32. Race Revisited         *11/19 M       34. Positive Identifications       B: 215-221         **** Thanksgiving Vacation ****         *11/26 M       34. Positive Identifications       B: 268-275         *** Written Assignment 4	40/40	147		) Due	
10/15         M         20. Critique of Assignment 2           10/17         W         21. Human Uniqueness           10/19         F         22. Is it Really Bone and is it Human?           10/22         M         !!! MIDTERM 2 !!!           PART 3: SKELETAL ANALYSIS           10/24         W         23. Estimating Sex         B: 197-198, 52-54, 112-115           *10/26         F         24. Estimating Race         B: 164, 222-227, 238           *10/29         M         25. Estimating Age: The Early Years         B: 197, 165-168           *10/31         W         26. Estimating Age: The Later Years         B: 51, 71-72, 82-84, 116-121, 169-172           *11/2         F         27. Estimating Height, Weight, & Occupation         B: 198-202           *11/5         M         28. Pathology         B: 179-179, 179           *11/7         W         29. Trauma         B: 202-214           *11/9         F         30. Measuring bones         B: 228-235           *11/12         M         **** Veterans Day Holiday ****         B: 236-237           *11/14         W         31. Discriminant Functions         B: 236-237           **** Veterans Day Holiday ****         B: 215-221           **** Thanksgiving Vacation ****			•		
10/17 W       21. Human Uniqueness         10/19 F       22. Is it Really Bone and is it Human?         10/22 M       !!! MIDTERM 2 !!!         PART 3: SKELETAL ANALYSIS         10/24 W       23. Estimating Sex       B: 197-198, 52-54, 112-115         *10/26 F       24. Estimating Race       B: 164, 222-227, 238         *10/29 M       25. Estimating Age: The Early Years       B: 197, 165-168         *10/31 W       26. Estimating Age: The Later Years       B: 51, 71-72, 82-84, 116-121, 169-172         *11/5 M       28. Pathology       B: 198-202         *11/7 W       29. Trauma       B: 202-214         *11/9 F       30. Measuring bones       B: 228-235         **** Veterans Day Holiday ***       B: 236-237         **** Veterans Day Holiday ****       B: 236-237         **** Written Assignment 3 (Forensic Report) Due         **** Thanksgiving Vacation ***					
10/19					
10/22   M   !!! MIDTERM 2 !!!					
PART 3: SKELETAL ANALYSIS  10/24 W 23. Estimating Sex B: 197-198, 52-54, 112-115  *10/26 F 24. Estimating Race B: 164, 222-227, 238  *10/29 M 25. Estimating Age: The Early Years B: 197, 165-168  *10/31 W 26. Estimating Age: The Later Years B: 51, 71-72, 82-84, 116-121, 169-172  *11/2 F 27. Estimating Height, Weight, & Occupation B: 198-202  11/5 M 28. Pathology B: 173-179  *11/7 W 29. Trauma B: 202-214  11/9 F 30. Measuring bones B: 228-235  11/12 M **** Veterans Day Holiday ***  11/14 W 31. Discriminant Functions B: 236-237  Written Assignment 3 (Forensic Report) Due  11/16 F 32. Race Revisited  11/19 M 33. Critique of Assignment 3  11/21-23 W-F  11/26 M 34. Positive Identifications B: 215-221  11/28 W 35. Being an Expert Witness and Ethics B: 268-275  Written Assignment 4 (Identity Report) Due  11/30 F 36. Mass Disasters, War, and Human Rights B: 276-298  12/3 M 37. Critique of Assignment 4  12/3 W 38. Historical Forensic Science  12/5 F !!! MIDTERM 3 !!!		-	· ·		
10/24   W   23. Estimating Sex   B: 197-198, 52-54, 112-115     *10/26   F   24. Estimating Race   B: 164, 222-227, 238     *10/29   M   25. Estimating Age: The Early Years   B: 197, 165-168     *10/31   W   26. Estimating Age: The Later Years   B: 51, 71-72, 82-84, 116-121, 169-172     *11/2   F   27. Estimating Height, Weight, & Occupation   B: 198-202     *11/5   M   28. Pathology   B: 173-179     *11/7   W   29. Trauma   B: 202-214     *11/9   F   30. Measuring bones   B: 228-235     *11/12   M   *** Veterans Day Holiday ***     *11/14   W   31. Discriminant Functions   B: 236-237     *** Written Assignment 3 (Forensic Report) Due     *** Thanksgiving Vacation ***     *** Thanksgiving Vacation ***     *** Thanksgiving Macation ***     ***	10/22	IVI	!!! MIDTERM 2 !!!		
*10/26 F 24. Estimating Race B: 164, 222-227, 238  *10/29 M 25. Estimating Age: The Early Years B: 197, 165-168  *10/31 W 26. Estimating Age: The Later Years B: 51, 71-72, 82-84, 116-121, 169-172  *11/2 F 27. Estimating Height, Weight, & Occupation B: 198-202  11/5 M 28. Pathology B: 173-179  *11/7 W 29. Trauma B: 202-214  11/9 F 30. Measuring bones B: 228-235  11/12 M *** Veterans Day Holiday ***  11/14 W 31. Discriminant Functions B: 236-237  Written Assignment 3 (Forensic Report) Due  11/16 F 32. Race Revisited  11/19 M 33. Critique of Assignment 3  11/21-23 W-F *** Thanksgiving Vacation ***  11/26 M 34. Positive Identifications B: 268-275  Written Assignment 4 (Identity Report) Due  11/30 F 36. Mass Disasters, War, and Human Rights B: 276-298  12/3 M 37. Critique of Assignment 4  12/3 W 38. Historical Forensic Science  1!! MIDTERM 3 !!!	PART:	3: SKEL	ETAL ANALYSIS		
*10/29 M 25. Estimating Age: The Early Years B: 197, 165-168 *10/31 W 26. Estimating Age: The Later Years B: 51, 71-72, 82-84, 116-121, 169-172 *11/2 F 27. Estimating Height, Weight, & Occupation B: 198-202 *11/5 M 28. Pathology B: 173-179 *11/7 W 29. Trauma B: 202-214 *11/9 F 30. Measuring bones B: 228-235 *11/12 M **** Veterans Day Holiday *** *11/14 W 31. Discriminant Functions B: 236-237 **** Written Assignment 3 (Forensic Report) Due *11/16 F 32. Race Revisited *11/19 M 33. Critique of Assignment 3 **** Thanksgiving Vacation *** **** Thanksgiving	10/24	W	23. Estimating Sex	B: 197-198, 52-54, 112-115	
**10/31 W 26. Estimating Age: The Later Years B: 51, 71-72, 82-84, 116-121, 169-172  **11/2 F 27. Estimating Height, Weight, & Occupation B: 198-202  **11/5 M 28. Pathology B: 173-179  **11/7 W 29. Trauma B: 202-214  **11/9 F 30. Measuring bones B: 228-235  **11/12 M **** Veterans Day Holiday ****  **11/14 W 31. Discriminant Functions B: 236-237  **Written Assignment 3 (Forensic Report) Due  **11/19 M 33. Critique of Assignment 3  **** Thanksgiving Vacation ***  **** Thanks	*10/26	F	24. Estimating Race	B: 164, 222-227, 238	
*10/31 W 26. Estimating Age: The Later Years B: 51, 71-72, 82-84, 116-121, 169-172 *11/2 F 27. Estimating Height, Weight, & Occupation B: 198-202 11/5 M 28. Pathology B: 173-179 *11/7 W 29. Trauma B: 202-214 11/9 F 30. Measuring bones B: 228-235 11/12 M **** Veterans Day Holiday *** 11/14 W 31. Discriminant Functions B: 236-237 Written Assignment 3 (Forensic Report) Due  11/16 F 32. Race Revisited 11/19 M 33. Critique of Assignment 3 11/21-23 W-F **** Thanksgiving Vacation *** 11/26 M 34. Positive Identifications B: 215-221 11/28 W 35. Being an Expert Witness and Ethics B: 268-275 Written Assignment 4 (Identity Report) Due  11/30 F 36. Mass Disasters, War, and Human Rights B: 276-298 12/3 M 37. Critique of Assignment 4 12/3 W 38. Historical Forensic Science 12/5 F !!! MIDTERM 3 !!!	*10/29	M			
****** Thanksgiving Vacation ****  11/2	*10/31	W		B: 51, 71-72, 82-84, 116-121, 169-172	
**************************************	*11/2	F			
**************************************	11/5	M		B: 173-179	
11/12 M **** Veterans Day Holiday ***  11/14 W 31. Discriminant Functions B: 236-237  Written Assignment 3 (Forensic Report) Due  11/16 F 32. Race Revisited  11/19 M 33. Critique of Assignment 3  11/21-23 W-F **** Thanksgiving Vacation ***  11/26 M 34. Positive Identifications B: 215-221  11/28 W 35. Being an Expert Witness and Ethics B: 268-275  Written Assignment 4 (Identity Report) Due  11/30 F 36. Mass Disasters, War, and Human Rights B: 276-298  12/3 M 37. Critique of Assignment 4  12/3 W 38. Historical Forensic Science  12/5 F !!! MIDTERM 3 !!!	*11/7	W		B: 202-214	
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12/5 F !!! MIDTERM 3 !!!	12/3	M	37. Critique of Assignment 4		
	12/3	W	38. Historical Forensic Science		
12/12 W FINAL EXAM: 6:00am to 10:00am	12/5	F	!!! MIDTERM 3 !!!		
	12/12	W	FINAL EXAM: 6:00am to 10:00am		