

**Laboratory Schedule**

| <b>Date</b> | <b>Lab #</b> | <b>Lab Topic</b>   | <b>Reading<sup>1</sup></b>            | <b>Exercises<sup>2</sup></b>           |
|-------------|--------------|--|---------------------------------------|--|
| Aug.        | 24           | <b>NO LABS THE FIRST WEEK OF CLASSES</b>   |                                       |  |
|             | 31           | Lab. # 1<br>Genetics, Mitosis, Meiosis   | Ch. 1:9-17<br>Ch 2:33-45              | 2.1,2.2. & 2.3                         |
| Sept.       | 7            | Lab. # 2<br>Pedigree Analysis, Sex linkage, Blood typing<br>Lab #1 Due this day    | Ch 2:45-53                            | 2.4 & 2.5 and blood typing             |
|             | 14           | Lab. # 3<br>Population Genetics: Hardy-Weinberg<br>Lab #2 Due this day             | Ch. 2 55-72                           | 2.6 and PTC lab                        |
|             | 21           | Lab. # 4<br>Anthropometry, metric variation<br>Lab #3 Due this day                 | Ch 13:311-321                         | Lab 4 handout                          |
|             | 28           | Lab. # 5<br>Dermatoglyphics, karyotyping<br>Lab #4 Due this day                    | Ch. 13:339-342<br>Ch. 1: 11-13        | 13.5 and Lab 5 handout;<br>karyotyping |
| Oct.        | 5            | Lab. # 6<br>Primate taxonomy: Visit the Zoo<br>Lab #5 Due this day                 | Ch. 8                                 | Lab 6 handout                          |
|             | 12           | Lab. # 7<br>Human osteology: skull & teeth<br>Lab #6 Due this day                  | Ch. 3: 73-77;83-92;<br>Ch. 13:325-332 | Lab 7 handout                          |
|             | 19           | Lab. # 8<br>Human osteology infracranial skeleton<br>Lab #7 Due this day           | Ch. 3: 93-111                         | Lab 8 handout                          |
|             | 26           | Review<br>Lab #8 Due this day  |                                       |  |
| Nov.        | 2            | <u>First Lab Practical</u> (covers Labs 7 & 8)                                     |                                       |  |
|             | 9            | Lab # 9<br>Primate skeletal anatomy: skulls & teeth                                | Ch. 7:205-219                         | 7.2 and Lab 9 handout                  |
|             | 16           | Lab # 10<br>Primate skeletal anatomy: infracranial skeleton<br>Lab #9 Due this day | Ch. 7: 221-230                        | 7.3:1-5 and Lab 10 handout             |
|             | 23           | Lab. # 11<br>Paleoanthropology<br>Lab #10 due                                      | Ch. 11 & 12                           | Lab 11 handout                         |
|             | 30           | Lab # 11<br>Paleoanthropology<br>Lab 11 due no later than 12/2, 9AM                |                                       | Lab 11 handout                         |
| Dec.        | 7            | <u>Second Lab Practical</u> (covers Labs 9-11)                                     |                                       |  |

<sup>1</sup>Chapter readings are from: D. L. France 2011. Lab Manual and Workbook for Physical Anthropology. 7th Edition. West/Wadsworth.

<sup>2</sup>Exercises are in France lab manual; lab handouts available at:  
<http://www.anthropology.hawaii.edu/People/Faculty/Pietrusewsky/anth215/>