

## Fall 2010 - Anatomy & Physiology I – Tentative Lab Schedule

| <u>Dates</u>                           | <u>Week</u> | <u>Lab Manual Topics and Exercises</u>   |
|--|-------------|--|
| 8/ 30-9/ 3<br>(M-F)                    | 1           | <b>Ex. 1</b> - Microscopy<br><b>Ex. 2</b> - Body Orientation: Directional Terms, Body Planes and Cavities<br><b>Ex. 3</b> - Cell Structure, Cell Cycle and Mitosis                                       |
| <b>9/ 6 (M)</b>                        |             | <b><i>Labor Day - No Classes</i></b><br><b><i><u>Beginning Sept 8<sup>th</sup>, the lab weeks will run Tues. through Mon.</u></i></b>  |
| 9/7-9/13<br>(T-M)                      | 2           | <b>Ex. 4</b> - Epithelial & Connective Tissues<br><b>Ex. 5</b> - Integumentary System  |
| 9/14-9/20                              | 3           | <b>Appendix A</b> - The Scientific Method, Experimental Design, Scientific Writing<br><b>Appendix B</b> – Egg Lab: Selective Permeability of the Cell Membrane<br><i>(assign group report – 60 pts.)</i> |
| 9/21-9/27                              | 4           | <b>Ex. 6</b> – Skeletal System I: Cartilage and Bone Histology; Long Bone Structure<br><b>Ex. 7</b> – Skeletal System II: Axial Skeleton   |
| 9/28-10/4                              | 5           | <b>Ex. 7</b> - Appendicular Skeleton<br><b>Ex. 8</b> – Articulations   |
| <b>Oct. 5-11</b>                       | 6           | <b><i>Lab Practical I (100 pts)</i></b>  |
| 10/12-10/15<br>(T-F) &<br>10/25<br>(M) | 7           | <b>Ex. 9</b> – Skeletal Muscle I: Histology and Muscle Anatomy<br><b>Ex. 10</b> – Begin Skeletal Muscle II: Gross Anatomy<br><b><i>Group Report due (100 pts.)</i></b>                                   |
| 10/16-10/19                            |             | <b><i>Fall Break - No labs Oct. 20, 21, or 22.</i></b><br><b><i>Labs will be open for extra study time.</i></b>  |
| 10/ 26-11/1                            | 8           | <b>Ex. 10 (con't)</b> – Skeletal Muscle II: Gross Anatomy  |
| 11/2-11/8                              | 9           | <b>Ex. 11</b> - Nervous System I: Neurons, Nerve Structure, Spinal Cord and Spinal Nerves  |
| 11/9-11/15                             | 10          | <b>Ex. 12</b> - Nervous System II: Brain   |
| 11/16-11/22                            | 11          | <b>Ex. 13</b> – Nervous System III: Vision and Hearing   |
| 11/23 & 11/24                          |             | <b>Lab open for review on T &amp; W</b>  |
| 11/25-11/27                            |             | <b>Thanksgiving Holiday</b>  |
| <b>11/ 29-12/3</b>                     |             | <b><i>Lab Practical II (100 pts)</i></b>   |

- Check lab room schedules for available open lab times throughout the week. There are not many - use your scheduled lab time wisely! Labs will not be open over the weekends.
- It may be possible to attend the last hour of any 2011 lab for extra study. However, you must ask permission of the instructor before entering the lab for review.