BIOL 2010: Anatomy and Physiology I  
Summer 2010  
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Note: Because I am an adjunct professor, I do not have an office at Motlow nor a Motlow phone number. I will meet with students by appointment if extra help is required.

Required Texts:
Lecture—Principles of Anatomy and Physiology, 12th edition, Tortora and Derrickson  

Objectives:
Biol 2010—Anatomy and Physiology I is the first of two semesters of a course in the structure, nomenclature, and function of human tissues. This semester will include a basic introduction to tissues and anatomical systems, and will cover in depth the integumentary system, skeletal system, muscles, nervous system and special senses.

It is expected that students:
1) will attend all lectures and participate in all labs*  
2) will spend time outside class in independent study as necessary to master the material.  
3) will seek outside help from the instructor or others as necessary.  
4) will be able to demonstrate a working knowledge of anatomy and physiology of each system covered as assessed by exams.

* I will take roll as Motlow requires that I monitor your attendance for scholarships and other reasons. If you find it necessary to miss class for whatever reason, you are nonetheless responsible for everything that happened in class. The only viable excuse for missing a test is ill health as attested to by a doctor, a car accident or a death in the family. If a test is excused it will not be made up--your letter grade will be computed by the percentage that you score on the remainder of your tests and assignments.

Classroom Policies:
- No food, drink, tobacco or children are permitted in the classroom.  
- The lecture text will be the definitive source on terminology.  
- Courtesy to the instructor and to one another are expected at all times.  
- Though there may be some handouts, in general, prepared notes will not be provided. PowerPoint presentations can be downloaded from my website.  
- Cheating will not be tolerated.
There will be four lecture exams and three lab exams of 100 points each. In addition, you will be required to complete the Reviewing your Knowledge section at the end of each lab book chapter, to be handed in at the time of the relevant lab test. Completion of these is worth 5 points apiece. We are not covering Ch. 15 in the lab book. Completion of the ENTIRE chapter 15 (filling in all the blanks) is worth 15 points Extra Credit.

**Grades**

Four lecture tests = 400  
Three lab tests = 300  
Reviewing your Knowledge = 115  

**Total** = 815

**Grading:**

- **89.5% to 100% = A**  
- **79.5% to 89.4% = B**  
- **69.5% to 79.4% = C**  
- **59.5% to 69.4% = D**  
- **< 59.5 = F**

**Tentative Schedule for Lecture and Lab**

<table>
<thead>
<tr>
<th>June 1</th>
<th>Introduction to the Human Body (Ch. 1) Chemistry (Ch. 2)</th>
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<tbody>
<tr>
<td>June 2</td>
<td>Cellular Organization (3)</td>
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<td>June 7</td>
<td>Test, Lecture only (Ch. 1-3) / Tissue Organization (Ch. 4)</td>
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<td>June 8</td>
<td>Integumentary System (Ch. 5)</td>
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<td>June 9</td>
<td>Bone Tissue (Ch. 6), Muscular Tissue (Ch. 10),</td>
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<td>June 14</td>
<td>Test, Lecture (Ch. 4, 5, 6, 10) and Lab (Lab book Ch. 1-8, 12-13) / Axial Skeleton (Ch. 7)</td>
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<td>June 15</td>
<td>Appendicular Skeleton (Ch. 8) Joints, (Ch. 9)</td>
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<td>June 16</td>
<td>Muscular System (Ch. 11)</td>
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<tr>
<td>June 21</td>
<td>Test, Lecture (Ch. 7-9, 11), Lab (Lab book Ch. 9-11, 14) / Nervous tissue (Ch. 12)</td>
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<td>June 22</td>
<td>Spinal Cord and Spinal Nerves (Ch. 13)</td>
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<td>June 23</td>
<td>The Brain and Cranial Nerves (Ch. 14). Autonomic NS (Ch. 15)</td>
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<td>June 28</td>
<td>Sensory Motor and Integrative Systems (Ch. 16), Special Senses (Ch. 17)</td>
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<td>June 29</td>
<td>Review</td>
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<td>June 30</td>
<td>Test, Lecture (Ch. 12-17), Lab (Lab book Ch. 16-24)</td>
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**Note:** Tests are not comprehensive, but system specific. Lecture tests will be multiple choice. Lab tests will be short answer and will largely involve identification of anatomical or histological structures and tissues. **No word bank will be provided.**