Lamar University, College of Arts and Sciences

Biology 2401 Human Anatomy and Physiology I
Spring 2013
Lab Syllabus

Lab Instructor: Amanda Posey
Office: 109A Hayes Biology
Office Hours: M 2-3:00, TR 1-2:00
Email: alposey@my.lamar.edu
Phone: 880-1755

Lab Instructor: Joseph Guyote
Office: 101
Email:

Lab Instructor: Katrina Alexander
Office: 109A
Office Hours:
Email:

Lab Instructor: Jordan Britten
Office: 101
Office Hours:
Email:

Student learning outcomes:
1. Students will be able to identify structures in the hierarchical organization of the human body.
2. Students will recognize the application of the principles of chemistry in human physiology.
3. Students will understand the function of various organelles, cells, tissues, organs, and organ systems in the human body.
4. Students will understand the relationship between anatomical form and physiological function.
5. Students will use critical thinking skills to solve physiological problems.
6. Students will work as a team and will analyze, interpret, and communicate scientific results in laboratory.


Grading: The final lab grade will be based on:

3 lab practicals…………..100 points each
6 pop quizzes……………10 points each
Total possible points……360

(Your total points/360) x 100= Final grade

At End of Semester: 324-360pts = 90-100%
288-323pts = 80-89%
252-287pts = 70-79%
216-251pts = 60-69%
Important Dates:

Feb. 19th – Last day to drop/withdraw without academic penalty
Apr. 2nd – Last day to drop/withdraw with academic penalty
*Dropping the lecture portion of the class will automatically withdraw you from the lab.

Attendance: It is essential that you attend all labs since there is no time to makeup missed work. Attendance will be taken on a daily basis. If you take a pop quiz and leave shortly thereafter, you will be counted absent for the day. **You are allowed one absence during the semester; any subsequent absences will result in a 5% deduction in your final grade for each.** The instructor retains the right to determine an appropriate amount of time for completion of the lab for that day. Leaving prior to that time will result in an absence for the day.

Temporary Lab Transfers: If you are unable to attend your scheduled lab section, you are allowed to attend a different section if needed. There are temporary lab transfer slips available to you in the classroom. Simply fill out the sheet and turn it in to the instructor of that class. However, this may not be used to permanently transfer to a different class. You are only permitted to use two of the transfers and then will begin to be counted as absent.

Exams: There will be three lab exams (practicals) during the semester. If you arrive after the first exam has been handed in, you will not be allowed to take that practical. If you miss one of the practicals, you are responsible for providing me a statement in writing stating you wish to take the make-up practical. If I am contacted, your name will be placed on a list of students to take the comprehensive make-up final. In order to take the make-up final, you must have at least a passing average based on your completed quizzes, practicals, and attendance. Only students on the list will be allowed to take the comprehensive make-up. You can only take one make-up exam. **If a second practical is missed, you will receive a zero (0) for the grade.** The comprehensive makeup practical cannot be taken to replace the grade of an earlier practical.

You must take your exams with your regular class. Taking the practical after your regular class will automatically deduct 10 points from your exam grade. However, you may take your practical at an earlier class time without the deduction. During exams, all belongings, including cell phones, will be left at the front of the room. You will only need a pencil or pen to take the exam. Cell phones need to be turned OFF while the exam is taking place.

Quizzes: In addition there will be 7 pop quizzes given covering material for that week’s lab. This is to ensure you have looked over the material before coming to class. If you miss a quiz, a grade of zero will be given, and there is no make-up for missed quizzes. If you arrive after the first quiz has been turned in, you will not be allowed to take it. One pop quiz grade will be dropped at the end of the semester.

Academic Dishonesty: This course complies with university policies on academic dishonesty as printed in the Lamar University Student Handbook and Faculty Handbook.

Americans with Disabilities Act: Accommodations for Students with Disabilities: Students needing an accommodation based on the impact of a disability should contact me privately to discuss specific needs. Accommodations will be coordinated by the Office of Services for
Biology 2401 Laboratory Schedule

<table>
<thead>
<tr>
<th>Week of</th>
<th>Topic</th>
<th>Laboratory</th>
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<tbody>
<tr>
<td>Jan. 28</td>
<td>Microscopes, Cells, and Anatomical Terms, Lab Safety 1</td>
<td>1</td>
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<tr>
<td>Feb. 4</td>
<td>Cell Transport and Cell Permeability</td>
<td>2</td>
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<tr>
<td>Feb. 11</td>
<td>DNA Replication and Protein Synthesis</td>
<td>3</td>
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<td>Feb. 18</td>
<td>Tissues</td>
<td>4</td>
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<td>Feb. 25</td>
<td><strong>Lab Practical I</strong></td>
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<tr>
<td>March 4</td>
<td>Skeletal System – Bone Anatomy</td>
<td>5</td>
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<tr>
<td>March 11</td>
<td><strong>Spring Break – No Class</strong></td>
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<tr>
<td>March 18</td>
<td>Skeletal System – Joints and Articulations</td>
<td>6</td>
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<tr>
<td>March 25</td>
<td>Muscle Anatomy</td>
<td>7.3-7.8</td>
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<tr>
<td>April 1</td>
<td>Muscle Anatomy</td>
<td>7.9-7.13</td>
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<td>April 8</td>
<td><strong>Lab Practical II</strong></td>
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<tr>
<td>April 15</td>
<td>Central and Peripheral Nervous System</td>
<td>8</td>
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<td>April 22</td>
<td>Senses</td>
<td>9</td>
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<tr>
<td>April 29</td>
<td><strong>Lab Practical III</strong></td>
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<tr>
<td>To Be Scheduled</td>
<td>Comprehensive Make-Up – You must comply with the policy in the syllabus to be eligible</td>
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