COURSE #: Biol 2113
COURSE TITLE: Human Anatomy/Physiology II Laboratory
CREDIT HOURS: 1 hour
TERM: Spring 2014
COURSE MEETINGS & LOCATION: Laboratory sections meet in the Biology Building, Room # 116
PREREQUISITE COURSES: Biol 1305-1107

Laboratory Coordinator: Dr. Zaineb Al-Dahwi
Office: Biology 104
Phone: 747-8762
Email: zaineb@utep.edu
Office hours: Mondays, Wednesdays, and Fridays 12:00 pm – 1:00 pm or by Appointment

COURSE OBJECTIVES
The main objectives of this course are for the student to become conversant with the vocabulary and concepts of anatomy and physiology with regards to cardiovascular, circulatory, respiratory, renal and digestive systems, respectively. The student should use this course as a way of obtaining the necessary information in anatomy and physiology for future work in the Health Sciences or in Biology. This is the second of a two part course and thus, it only covers some of the important systems a student needs to know to understand basic human anatomy and physiology.

PREREQUISITES
This course requires that a student has completed Biology 1305 and Biology 1107. A clear understanding of the material covered in these courses is important to a basic understanding of the major themes of anatomy and physiology.

LABORATORY REQUIREMENTS, EVALUATION, AND LABORATORY REGULATIONS
REQUIRED LAB MATERIAL:
2. Lab Tutor Experiments Booklet available at Copy Mine in the first floor of the UTEP Library
3. Required Lab Kit: STUDENT RESPIRATORY KIT (Mouth Piece, Nose Clip, and
Filter) available at the UTEP BOOKSTORE. Each GROUP Should Purchase ONE Respiratory Kit.

EVALUATION:
Grades will be based on attendance, quizzes, lab reports, midterm exam, and final exam.

Grade Distribution:
- Attendance and Participation: 10%
- Lab Reports (from Lab Tutor Experiments Booklet): 10%
- Quizzes: 20%
- Midterm Exam: 30%
- Final Exam: 30%

The lowest QUIZ grade will be dropped in calculating the final lab average.

The Final Lab Grade will be assigned based on the following grading scale:
A=90-100%  B=80-89%  C=70-79%  D=60-69%  F=59-0%

Grades Disputes: All grade disputes must be brought to the attention of the lab teaching assistant within one week of grade assignment. All grade disputes must be settled by May 8, 2014.

Grade disputes unresolved by the Teaching Assistant must be discussed with the Lab coordinator, Dr. Zaineb Al-Dahwi.

Attendance, Quizzes, Make-up Quizzes, and Lab Reports:
Full credit for class participation requires no absences and active contribution to all lab work and assignments. Absences will be excused only for official university activities. The student should notify the lab teaching assistant in advance about his/her participation in an official university activity.

There will be a quiz every two weeks starting the week of MONDAY FEBRUARY 17th, 2014. The quiz (taken by individual students) will cover the previous two weeks material and will be given in the first 20 minutes of the lab.

No make-up quiz will be given to any quiz during the semester. If a quiz is missed, the grade of the missed quiz will be considered the lowest and will be the quiz grade that will be dropped in calculating the final lab grade.

If a student misses more than one quiz, the student should contact the lab coordinator, Dr. Zaineb Al-Dahwi

Lab reports are part of the lab grade evaluation. The lab report for each exercise is due in the first 30 minutes of the following lab period.

LABORATORY REGULATIONS:
All cell phones and communication devices must be turned off at all times. Taking pictures
by any means in the lab is strictly forbidden and is grounds for administrative expulsion from the course.
No food or drinks are allowed in the laboratory. Open-toed shoes and flip flops are strictly prohibited while working in UTEP laboratories.

ACCOMMODATIONS AND SUPPORT SERVICES:
If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by e-mail to cass@utep.edu, or visit their office located at the UTEP Union East, Room 106. For additional information, please visit the CASS website at www.utep.edu/CASS. CASS staff are the only individuals who can validate and if need be, authorize accommodations for students with disabilities.

MILITARY STUDENTS: If you are a military student with the potential of missing classes and/or exams due to military duties, you need to contact the lab instructor as soon as possible and provide documents indicating the reason for your absence.

LAB INSTRUCTOR CONTACT INFORMATION:
Name:
E-mail address:

LAB SCHEDULE:

<table>
<thead>
<tr>
<th>Lab</th>
<th>Week of</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1</td>
<td>Jan. 27</td>
<td>Introduction and Lab Safety</td>
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<tr>
<td>2</td>
<td>Feb. 3</td>
<td>The Language of Anatomy</td>
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<td>3</td>
<td>Feb. 10</td>
<td>Blood Analysis: Physio-EX</td>
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<td>4</td>
<td>Feb. 17</td>
<td>ECG and Heart Sounds: Lab Tutor Experiment</td>
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<td>5</td>
<td>Feb. 24</td>
<td>ECG and Peripheral Circulation: Lab Tutor Experiment</td>
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<td>6</td>
<td>Mar. 3</td>
<td>Cardiovascular Effects of Exercise: Lab Tutor Experiment</td>
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<td>7</td>
<td>Mar. 10</td>
<td>Spring Break (No Classes)</td>
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<td>8</td>
<td>Mar. 17</td>
<td>Midterm Exam</td>
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<td>9</td>
<td>Mar. 24</td>
<td>Respiratory Air Flow and Volume: Lab Tutor</td>
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<td>Experiment</td>
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<td>10</td>
<td>Mar. 31</td>
<td>Breathing: Lab Tutor Experiment</td>
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<td>11</td>
<td>Apr. 7</td>
<td>Chemical and physical processes of Digestion: Physio-EX</td>
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<td>12</td>
<td>Apr. 14</td>
<td>Renal System Physiology: Physio-EX</td>
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<td>13</td>
<td>Apr. 21</td>
<td>Acid Base Balance: Physio-EX</td>
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<td>14</td>
<td>Apr. 28</td>
<td>Anatomy of the reproductive system</td>
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<td>15</td>
<td>May 5</td>
<td>Final Exam</td>
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**Important Dates:**
March 31st, 2014: Cesar Chavez Day (No Classes)
April 4th, 2014: Course Drop Deadline: **Last day to drop the lab with automatic “W”**
April 18th, 2014: Spring Study Day/Good Friday (No Classes)
May 9th, 2014: Dead Day (No Classes)