COURSE #: Biol 2111  
COURSE TITLE: Human Anatomy/Physiology I 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. 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 first 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 this course 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 the Copy Mine in the first floor of the UTEP Library  
3. Lab coat and goggles should be used during dissection exercises in the laboratory
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.
Lab coats and goggles are required during dissection exercises.

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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<tr>
<td>3</td>
<td>Feb. 10</td>
<td>Organ Systems Overview: Rat Dissection</td>
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<td>4</td>
<td>Feb. 17</td>
<td>Cell Transport Mechanisms and Permeability: Physio-EX</td>
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<td>5</td>
<td>Feb. 24</td>
<td>The Axial Skeleton</td>
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<td>6</td>
<td>Mar. 3</td>
<td>The Appendicular Skeleton</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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<tr>
<td>9</td>
<td>Mar. 24</td>
<td>Gross Anatomy of the Muscular System</td>
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<tr>
<td>10</td>
<td>Mar 31</td>
<td>Muscle: Lab Tutor Experiment</td>
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<td>11</td>
<td>Apr 7</td>
<td>Muscle EMG: Lab Tutor Experiment</td>
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<td>12</td>
<td>Apr 14</td>
<td>Gross Anatomy of the Brain and Cranial Nerves: Sheep Brain dissection</td>
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<td>13</td>
<td>Apr 21</td>
<td>EEG: Lab Tutor Experiment</td>
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<td>14</td>
<td>Apr 28</td>
<td>Reflexes and Reaction Times: Lab Tutor Experiment</td>
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<td>15</td>
<td>May 5</td>
<td>Final Exam</td>
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**Important Dates:**
March 31<sup>st</sup>, 2014: Cesar Chavez Day (No Classes)
April 4<sup>th</sup>, 2014: Course Drop Deadline: Last day to drop the lab with automatic “W”
April 18<sup>th</sup>, 2014: Spring Study Day/Good Friday (No Classes)
May 9<sup>th</sup>, 2014: Dead Day (No Classes)