ANATOMY Lecture and Lab (CELL 649-01)  
Lecture-Mon. & Wed. 1-3:15pm         Disregard Lab Info.

Course Director: Dr. Garic Grisbaum  
4011 Percival Stern Hall  
ggrisba@tulane.edu

Office Hours: By Appointment

Course Description:
The aim of this course is to provide students with a basic clinical understanding of the structural and functional organization of the human body at the gross (macroscopic) level. The course will include an introduction to anatomical terms, movement, and study tips, before moving to an overview of three body regions: Back, Upper Extremity, and Lower Extremity. While introducing these body regions an emphasis will be placed on the relationship between structure and function of these areas. This course is designed as a stand-alone subject for students wanting to pursue a career in the health sciences.

Students are expected to attend 6 hours per week of formal classes, which consists of lecture and lab. Each week there will be a quiz given at the beginning of class, followed by a lecture. (Disregard for summer session) There will be a viewing, after lecture, of a pro-dissected human specimen with structures to be labeled by students. The students will be split up into groups of 3 and will dissect for 2 hours, latter in the week under the guidance of a tutor, who will direct the learning activities. Students doing dissection will be required to explain that area dissected to the students who were not part of their team before the following lab. Gross anatomy practicals will involve the identification of anatomical features on a dissected human specimen, bones, and overheads.

Required Texts and Lab Supplies: wait for supplies until the first class

Lecture

Snell, Richard S., Clinical Anatomy for Medical Students-6th Ed.

Sauerland, Eberhardt K., Grant’s Dissector-12th Ed.


Lab

Disposable Gloves  
#4 scalpel handles and #22 blades  
Lab coat  
Aprons  
Toothbrush container for scalpel
Grading and Policies:

All students are required to attend all classes unless they are ill or prevented from attending by exceptional circumstances. Preparedness and attendance are expected and will have a bearing on final grades. Be on time to class, do not bring cell phones, food or drink to class. **A small tape recorder is very useful and highly recommended.** If you are confused about something in class or lab, it is encouraged to ask questions. All students are expected to be familiar with and are required to adhere to all tenets of the **HONOR CODE** of Tulane University, which can be found in the Tulane Undergraduate Catalog.

**Grading** is as follows:

**30% Class Quizes**- There will be a quiz given at the beginning of every class, starting with the 2nd class. It will cover material presented the class prior.

**35% Test I**- Will encompass all material covered in lecture, up to that point. The lecture portion will be multiple choice, short answer, essay, and matching. The lab practical (not given in summer) will require students to identify labeled structures on the dissected human specimen, identification of overhead slides and bones.

**35% Test II**- Will be similar to Test I.

**Course Schedule:**

**May**  
15 Handout syllabus, general overview, study tips, expectations  
Introduction to Gross Anatomy, cadaver, anatomical terms, movement, basic structures (**Snell: 1-41**)

17 **Quiz #1**  Vertebral Column, Ligaments and Membranes associated with the Vertebral Column, Muscles of the Back (Superficial and Intermediate) (**Snell: 58,408-410,817-828**)

22 **Quiz #2**  Deep Muscles of the Back, Suboccipital Region, and Spinal Cord (**Snell: 828-834**)

24 **Quiz #3**  Sternum, Clavicle, Ribs, Scapula, Pectoral Region, Breast, and Axilla (**Snell: 47-48,391-401**)

29 **Holiday**

31 **Quiz #4**  Brachial Plexus, Axillary Artery, Muscles of the Scapula, Rotator Cuff and Humerus (**Snell: Chapter 9, 401-406,411-412**). Chapter 9 is the Upper Ext. and we will cover up to the section on Joints over the next 6 lectures.


Course Schedule Continued

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<thead>
<tr>
<th>June</th>
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<th>Quiz #5  Surface Anatomy, Cutaneous Nerves and Veins, Deltoid Region, Flexor Region of the Arm, and Extensor Region of the Arm (Snell: 419-421, 423-429)</th>
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<tbody>
<tr>
<td>7</td>
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<td>TEST #1  Lecture Portion</td>
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<td>12</td>
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<td>No Quiz  Cubital Fossa and Flexor Region of the Forearm (Snell: 429, 437-443)</td>
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<td>14</td>
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<td>Quiz #6  Palm of the Hand and Review structures of the above Lecture with attachments and termination in the Palm (Snell: Ch. 9)</td>
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<td>19</td>
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<td>Quiz #7  Extensor Region of the Forearm and Hand (Snell: 443-446)</td>
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<td>21</td>
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<td>Quiz #8  review and lab video</td>
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<td>26</td>
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<td>review and lab video</td>
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