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471-01 Human Anatomy II

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Course Description:
This course is a laboratory course based primarily on the dissection of human cadavers for the purpose of learning human anatomy. Short lectures will open each class in an effort to orient students to the material for a particular class meeting; however, the bulk of class time will be devoted to dissection. This class represents the second semester of a two semester course. This second semester will focus on the internal anatomy of the neck, thorax, abdomen, and pelvis. There will also be a brief introduction to the central nervous system. Students will once again have the opportunity to teach human anatomy to students in the Anatomy & Physiology course by demonstrating their dissections.

Course Objectives:
1. To gain an understanding of human anatomy through dissection of human cadavers.
2. To learn proper dissection technique.
3. To learn basic teaching skills through demonstration of cadaver dissections.

Textbook:
Lippincott, Williams & Wilkins (ISBN 978-1-60831-384-6)

Other texts, such as atlases and dissection guides, are available to the students in the classroom for classroom use.

Schedule:
A class schedule will be distributed indicating the dates of all class meetings and the focus of a given class. Class will meet on Tuesday evenings from 7:00 to 9:30 PM. Student assignments for teaching/demonstration sessions will be determined based on the students’ availability. In general, class will not meet during those weeks set aside for teaching/demonstration sessions, although class meetings may occur for special purposes, such as review for tests or demonstrations to visiting high school students. As in first semester, we will again attempt to have check-out at the end of each class during which time students will demonstrate their dissections to the instructor.
Grades:
Grades will be based to a significant degree on attendance and participation in class. Students will be expected to have read and become familiar with the material prior to a given class so that they are prepared to dissect. Make-up classes are impossible; so students are expected to attend all classes or to notify the instructor if they are unable to attend a particular class. Written examinations or quizzes will be given during the semester. The combined scores on these exams will help to determine the final grade.

Conduct, Attire, and Equipment:
It cannot be emphasized too strongly that the cadavers must be treated at all times and under all circumstances with utmost respect and dignity. The cadavers are the physical remains of once-living human beings and have been donated for the purpose of your education. Any desecration or disrespectful treatment of the cadavers will not be tolerated!

You will be provided with a lab coat and gloves for dissection. However, please wear old clothing. If you wear corrective lenses, please wear glasses rather than contact lenses during the dissection time for your safety. You will also be provided with all dissecting instruments.

Since your textbook is a dissection manual, please always bring it with you to class.

You will be working in teams of four students, and each team will have its own cadaver. Please see that your cadaver is kept moistened to delay desiccation and decomposition. Moistening solution is provided.

Communication:
The instructor will be communicating weekly with the students via email. Worksheets for each dissection will be emailed prior to the class meeting. These are intended to emphasize important information regarding the dissection. Please print them and bring them to class for note-taking. Changes in schedule and other important housekeeping information will also be sent out by email. Please feel free to email the instructor with questions or problems at any time.
1/13  Dissection: Thorax (Chest wall, pleural spaces, lungs)
1/20  Dissection: Thorax (Heart)
1/27  Dissection: Thorax (Posterior and Superior Mediastinum)
2/3   No Class—A&P Teaching (Thorax and Vascular)  Demos occur 2/2—2/6
2/10  Dissection: Neck
2/17  Dissection: Abdomen (Wall and general peritoneal examination)
2/24  Dissection: Abdomen (Foregut structures)
3/3   No Class—Spring Break
3/10  Dissection: Abdomen (Midgut and hindgut structures)
3/17  Dissection: Retroperitoneum
3/24  Dissection: Pelvis/Genitals
3/31  No Class—A&P Teaching (Abdomen/Pelvis/Genitals)
4/7   No Class—A&P Teaching (Demos occur 3/30 and 4/7-4/10)
4/14  Dissection: CNS/Spinal Column
4/21  Dissection: CNS/Spinal Column
4/28  Final Exam