



February 15, 2011

FROM: Peter V. Loubert, PT, Ph.D.; Bill Saltarelli, Ph.D.

TO: CMU's Physician Assistant and Physical Therapy Entering Classes of 2011

RE: HSC 630 - Regional Human Anatomy

Hello Everyone,

Doctors Loubert and Saltarelli will be your instructors this summer in HSC 630: Regional Human Anatomy. We would like to welcome and congratulate you on choosing CMU's Physician Assistant and Physical Therapy programs. As you know, these Programs rank among the best in the country. We are also writing to introduce our Anatomy course and give you an idea of what to expect this summer. Most students find the course to be very interesting, but also quite challenging. During the process of studying for this course, you will (1) learn that Anatomy is the foundation for much of your future medical knowledge, (2) enhance your ability to teach yourself and your classmates and (3) build very close friendships with your peers (and us too) that will last a lifetime.

Concerning the course, we will explain the course in greater detail during the first lecture on Monday May 16, 2011 at noon in Pearce 127. For now, we would like you all to be aware of the general format and requirements of the course.

1. The course will use **Blackboard (<https://blackboard.cmich.edu/>)**, CMU's course management system, for posting all course information including study guides for each topic covered in the course. We will demonstrate how to access Blackboard during the first day of class. You may or may not have access before that time. If you do not have a computer, CMU has computer labs that you can use as well as the computers in the Anatomy lab or in the Health Professions Building.
2. Texts for HSC 630 will be available at CMU's bookstore and/or SBX, and of course can be purchased online at any other venue of your choice:

**Required Text**

- a. Textbook: Moore, K.L., Dalley, A.F., and Agur, A.M.R. 2010. *Clinically Orientated Anatomy, 6<sup>th</sup> ed.* Lippincott, Williams & Wilkins. ISBN-13: 978-0-7817-7525-0.

**Required Atlas - Choose any one of the following**

- a. Netter, F.H. 2006. *Atlas of Human Anatomy, 4rd ed.* Elsevier Publishing ISBN-13: 978-14160-3385-1. You can also get this on a CD .

or

- b. Moses, K.P., Banks, J.C., Nava, P.B., Peterson, D. 2005. *Atlas of Clinical Gross Anatomy.* Elsevier – Mosby. ISBN: 0323037445.

or

- c. Gilroy, A., MacPherson, B., Ross, L., Schuenke, M. 2008. *Atlas of Anatomy.* Thieme. ISBN: 9781604060997.

### Optional Software Resource:

- a. Software: Anatomy and Physiology Revealed 3.0. McGraw Hill Publishers (ISBN 9780073378206) APR 3.0 CD \$45.00 ISBN 9780073403601 APR 3.0 online access code (may be a direct purchase from [www.aprevealed.com](http://www.aprevealed.com)) \$35.00 . Or just Google APrevealed and you will get ways to buy.
3. Each student will **provide their own** lab coats, dissection tools, and protective gloves.
  - a. **Lab coats** are available for purchase in the CMU bookstore. You are also welcome to purchase a lab coat elsewhere. We recommend the  $\frac{3}{4}$  length coats.
  - b. **Dissection kits** will be available at the bookstores. When you purchase dissection kits, please be sure to get the kit for HSC 630 (**not the biology kits**) so that you get the right tools. It is **not** necessary to buy the dissecting kit if you have the tools listed below. **Be sure your dissection kit includes the following:**
    - 1 pair rat-toothed forceps
    - 1 blunt probe
    - 1 scalpel handle (#4)
    - 10 scalpel blades (#20)
    - 1 pair surgical scissors
  - c. **Gloves** can be purchased at many sites including department stores, drug stores, home building stores, etc. If you are tolerant of latex, latex gloves are recommended. Other gloves can also be used where necessary, available and appropriate. You will probably go through 200 or more gloves during the course, so purchase of 2 boxes of 100 would be a good initial investment.
4. During the course, there will be **3 Regional Examinations and 1 prerequisite knowledge exam**. The last exam will also include a comprehensive section covering material from the entire course. **MOST EXAMS ARE SCHEDULED FOR THURSDAYS, BUT SOME MAY RUN OUTSIDE NORMAL CLASS HOURS.**
5. Each student will do several **graded dissections**. Each student will be assigned specific dissections in which he/she is responsible for learning the structures of that region before the actual day in lab and presenting this information to your fellow students during that scheduled lab. This may sound frightening at first, but actually works quite well, and it is a great learning experience.
6. We also want to make sure you are aware that success in this course requires students to **spend many hours outside scheduled class time** studying the material. This may mean extra hours studying in or outside the laboratory.
7. Pre-requisite anatomy and physiology knowledge.

We understand that as a group many of you have different backgrounds in basic anatomy and physiology. However we expect all of you to have a basic understanding of Anatomy & Physiology **before** we begin the class. To help you refresh your understanding of A & P we suggest you do the following in the weeks before May 16 when we will begin learning in a clinical regional approach.

  - a. Read the Introduction to Clinically Orientated Anatomy (pages 1-70) in your Moore textbook. This chapter is an excellent review of your undergraduate systems approach to anatomy. Specific learning outcomes can be found on the following web site:  
<https://team.cmich.edu/sites/chp/hsc/582/default.aspx>  
Guest login: cmuguesthsc582  
Password: hsc582pwd

Also on the web site you will find a series of PowerPoint lectures from Dr. Saltarelli's, undergraduate class here at CMU.

- b. Histology review, WEB site [Http://tinyurl.com/214histology](http://tinyurl.com/214histology)
- c. View the short film clips on the *Anatomy Revealed CD*. You will find them in each body system. They are short but very informative.
- d. All of this information should be review for you, and will help refresh your learning in preparation for this course. There will be no formal lecture on this information. You can use any Anatomy and Physiology textbook to help you with this information. There will be no answers provided for these exercises. The perquisite **examination** on this material will be scheduled for the end of the first week of class. Our intent with this exam is to test your knowledge of anatomy and physiology from your undergraduate preparation.

Finally, we hope this gives you all some idea of what to expect this summer. The course is demanding; however, we will have fun, believe it or not.

See ya this summer,



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