
Dr. Elaine Chapman, Instructor

Contact Information: Office = Parker 130. chapman@mail.ic.edu; 245-3446; (email is best)
Office hours = MW 2:30-3:45; F 10-11 and by appointment


Course Schedule: MWF, 1:20 - 2:30pm. Lab Section A = Th, 8:00-9:50 am.
Lab Section B = Th, 12 noon-1:50 pm
Lab Section C = Th, 2:00-3:50pm

Tentative Evaluation:
- 4 or 5 hour exams = 500 points
- Laboratory exercises, and lab practicals = 200 points
- 11 Moodle quizzes = 100 points (due on Fridays by 8 pm) (I will drop the lowest score)
- Comprehensive Final exam = 200 points

Grading: Pluses and minuses may be added at the end of the course, depending on the class curve.

90%+ = A
80-89% = B
70-79% = C
60-69% = D
<60% = F

Attendance Policy: Regular attendance is expected. Experience with courses like this indicates that students who have more than three absences tend to earn poor grades. The student is responsible for class attendance as if it were a position of employment; if one intends to hold down a job, one must be present and perform the work associated with that position. A person who is absent without good cause is not likely to be successful in maintaining employment or completing an academic course. Students are responsible for all material presented in lecture or laboratory regardless of attendance. In addition, students are expected to be prepared for each laboratory session and make optimal use of the two-hour period. Extra time will be necessary to finish and assimilate some laboratory material. Examinations and any quizzes must be taken on the dates indicated in class. Students who are tardy or absent on quiz days will not be allowed to make up the quiz. Students who must be absent on college business or professional/graduate school interviews, etc., should arrange to take a test in advance. Students who are so ill that they cannot take a test may be excused from that test if the instructor is notified in advance; it is highly unlikely that make-up exams will be given. The final exam must be taken; if it is missed due to documented serious illness, it must be taken at a time arranged after conference with the instructor. Each student is responsible for his/her role in group work, and some peer evaluation will be used. The “take home point” here, folks, is keep in touch with me, and I will do my best to assist you.

Class Behavior: Students are expected to display appropriate behavior and language during class and lab. The use of cell phones, including texting, is not permitted during class or lab; their use will prompt a pop quiz for the entire class.

During class students are expected to take notes. This practice assists the learner in becoming acquainted with the terms, reinforces concepts presented in lecture, focuses the student on the material at hand, and improves retention of the material.

- Note: This course does require a great deal of memorization of terms and structures; there is no alternative to this. (I suggest making your own flashcards.) But that is just the beginning of learning about anatomy and physiology. In his Introduction à la médecine expérimentale, Claude Bernard, the “Father of Physiology” wrote in 1865: “A fact in itself is nothing. It is valuable only for the idea attached to it, or for the proof which it furnishes.” And Ivan Pavlov (1849-1936) wrote: “Facts are the air of science. Without them you never can fly.”
Tentative 2013 Lecture/Lab Schedule. subject to change in response to student needs.

- **8/28** Introduction to the course. Overview of Chapter 1.
- **8/30** Begin Chapter 4: Tissue Level of Organization

- **9/2** Chapter 4.
- **9/4** Complete Chapter 4.
- **9/5** LAB 2. Histology of Epithelium. Lab Manual Exercise 7. Complete drawings on pps 79-82. *(Mini Practical at end of lab. 20 points)*
- **9/6** Chapter 5. Skin. **Moodle Quiz 1 Due by 8 pm**

- **9/9** Chapter 6. Bone
- **9/11** Chapter 6, continued.
- **9/12** Lab 3. Histology of Connective Tissue. Lab Manual Exercise 8. Complete drawings on pp 92-93; 97. *(Mini Practical at end of Lab. 20 points)*
- **9/13** Exam I. Chapters 1,4,5,6. 100 points. *(Assessment tool for 27.150, Standard 4G)*

- **9/16** Begin Chapter 7, Axial Skeleton. *(Follow the bone material with your lab manual, Exercises 13, 14, 15, and 16, pp. 135-212).*
- **9/18** Continue Chapter 7.
- **9/19** LAB 4. Axial Skeleton. Learn all bones and structures on the list distributed.
- **9/20** Begin Chapter 8. Appendicular Skeleton. **Moodle Quiz 2 Due by 8 pm**.

- **9/23** Continue Chapter 8.
- **9/26** LAB 5. Appendicular Skeleton and Articulations.
- **9/27** Complete Chapter 9. **Moodle Quiz 3 Due by 8 pm**.

- **9/30** Exam II. Chapters 7-9 + Case
- **10/2** Begin Chapter 10. Muscle Tissue
- **10/3** No Lab. Fall Break
- **10/4** No class. Fall Break.

- **10/7** Continue Chapter 10.
- **10/9** Continue Chapter 10. *(Begin PhysioEx 2 on muscle contraction, parts 1-6)*
- **10/10** Lab 6. Skeleton/Articulation **Lab Practical. 60 points**. *(Assessment tool for 27.150 Standard 4H)*
- **10/11** Continue chapter 10. *(Knowledge indicator:27.150 Standard 4A)** **Moodle Quiz 4 Due by 8 pm**

- **10/14** Begin Chapter 11. Muscular System. *(Muscles of facial expression; muscles of mastication; extrinsic eye muscles; anterior neck )
- **10/16** Continue Chapter 11.
- **10/17** Lab 7. Complete PhysioEX and work on AnatomyLab skeleton
- **10/18** Continue Chapter 11. **Moodle Quiz 5 Due by 8 pm**. Muscles of the neck that move the head; abdominal muscles; muscles of the thorax; muscles of the pelvic floor and perineum http://www.rad.washington.edu/academics/academic-sections/msk/muscle-atlas
• 10/21  Continue Chapter 11. Muscular System. Muscles that move the pectoral girdle; muscles that move the humerus; (rotator cuff); muscles that move the forearm, hand, and fingers
• 10/23  Chapter 11, cont  Muscles that move the vertebral column; muscles that produce movement at the hip.
• 10/25  Complete Chapter 11. Moodle Quiz 6 Due by 8 pm. Muscles of the thigh; muscles of the leg; muscles of the foot, ankle, and toes. Case: Shoulder Injury.....

• 10/28  Exam III. 100 points Chapters 10-11. (Assessment tool for 27.150 Standard 4B, 6F).
• 10/30  Begin Chapter 12. Nervous Tissue.
• 11/1  Continue Chapter 12. Moodle Quiz 7 Due by 8 pm.

• 11/4  Continue Chapter 12. Action Potential on PhysioEX ?
• 11/6  Continue Chapter 12.
• 11/7  Lab 10. Cat Muscle Lab Practical. 60 points.
• 11/8  Complete Chapter 12. Moodle Quiz 8 Due by 8 pm.

• 11/11  Begin Chapter 13. Spinal Cord
• 11/13  Continue Chapter 13.
• 11/15  Continue Chapter 13. Moodle Quiz 9 Due by 8 pm.

• 11/20  Continue Chapter 14
• 11/21  Lab 12. Sheep brain. ANS. Review the musculocutaneous, femoral, phrenic, pudendal, axillary, radial, ulnar; median, and sciatic nerves. Study the sheep brain and the diagrams of the human brain.
• 11/22  Chapter 14, continued. Moodle Quiz 10 Due by 8 pm.

• 11/25  Chapter 14, continued.
• 11/27-12/2  Thanksgiving Break

• 12/2  Exam IV. Chapters 12-14 100 points.
• 12/4  Chapter 15. ANS
• 12/3  Lab 13. Special Senses 12/3  Lab quiz on diagrams and sheep brain. 20 points.
• 12/5  Chapter 17. Special Senses, continued.
• 12/6  Chapter 16. Sensory/Motor. Moodle Quiz 11 Due by 8 pm.

• 12/9  Complete Chapter 16.
• 12/11  No class. Reading Day.
• Final Exam TBA