

Introduction to Human Anatomy and Histology Laboratory
Biology 1361
Spring 2013 Semester Syllabus

Laboratory Instructor: Dr. Catherine Craker Young

Office: Meyer Hall, Room 170

Office Hours: M 10-11 am & 12-1 pm; W 3-5pm; F 10-11 am & 12-1 pm

Telephone: 419-772-3507

Email: c-young.1@onu.edu

Class meetings: One 3 hour lab/week; 1 semester credit hour

Required Texts: *Human Anatomy*, 6th edition. (Marieb, Mallatt, and Wilhelm)

Brief Atlas of the Human Body (Matt Hutchinson)

Practice anatomy lab 3.0 (PAL 3.0)

Biology 1361 Anatomy-Histology Laboratory Manual and Workbook. (will be distributed in lab)

Mammalian Anatomy The Cat, 2nd edition (Sebastiani and Fishbeck),

*****BREAKAGE FEE: You will be charged \$20.00 fee for each broken slide*****

Course Objectives: This laboratory gives the student practical experience in recognizing and working with tissues and organs of the body. Students will dissect cats and identify anatomic structures using models, x-rays, and histological sections. Contact lenses should not be worn in lab. **Food, chewing gum, drinks, and open toed shoes are NOT permitted in lab.** Modest attire is expected—when bending over the lab table, there should be no gaps either in front or behind into which dissection fluids can squirt.

Grading Policy:

Laboratory Quizzes: 5 (20-point quizzes)

*Comprehensive Laboratory Exam

Points

100

50

Grading Scale:

A = 90-100% B = 80-89% C = 70-79% D = 60-69% F = 59 and below

Extra Credit: In accordance with departmental policy, there will be no provisions for bonus points, extra-credit opportunities, attendance points, or dropping of the lowest quiz score.

Academic Conduct: As indicated in the Student Code of Conduct, available online, academic misconduct includes but is not limited to plagiarism, cheating, and/or improper collaboration. The first academic misconduct infraction will result in a grade of zero for that exercise/assignment/exam. A second infraction will result in failure of the course. Actions will be taken as directed by the College of Arts and Sciences Code of Academic Student Conduct.

Electronic Devices: NO ELECTRONIC DEVICES ARE PERMITTED IN THE LABORATORY.

Attendance: Attendance in laboratory is required! If you have a conflict with your scheduled lab that cannot be rescheduled, or are too ill to attend, please contact both your lab partner and your instructor to let them know. If possible, arrange to attend a different lab session the same week (all sections will be covering the same material each week). My sections (all in MY129) are Tuesday at noon and at 6:30 PM, and Thursday at 8 am and noon. There are also lab sections taught by other instructors on Tuesday at 8 am, Wednesday at 6:30 pm and Thursday at 6:30 pm. Find one that fits your schedule and contact the instructor to see if they have room for you to sit in that week.

Make up quizzes will ONLY be given to those students with excused university functions or extenuating circumstances. You must contact the instructor prior to the function. If you miss a quiz, and have not contacted your instructor on or before the day of the missed quiz, you need to have

documentation in order to take a makeup quiz.

LABORATORY SCHEDULE AND TOPIC

Week 1 (January 14-18, 2013) Skeletal system

Week 2 (January 21-25, 2013) Skeletal system

Week 3 (January 28 – February 1, 2013) Skin cat. Bone histology

Week 4 (February 4-8, 2013) Muscles of hind leg. Histology of epithelium and non-bone CT
Quiz 1-Skeletal system

Week 5 (February 11-15, 2013) Muscles of upper body. Histology of muscle and skin.

Week 6 (February 18-22, 2013) Complete muscle dissection and histology.

Week 7 (February 25 – March 1, 2013) Cat nervous system dissection
Quiz 2-Muscle

Spring Break March 4-8, 2013

Week 8 (March 11-15, 2013) Nervous system, special senses gross and histology.
Endocrine gross and histology.

Week 9 (March 18-22, 2013) Digestive system gross and histology.

Week 10 (March 25-29, 2013) Respiratory system gross and histology, heart and blood.
Quiz 3 - Neuro and endocrine

Week 11(April 1-5, 2013) Circulatory system.

Week 12 (April 8-12, 2013) Lymphatic system gross and histology
Quiz 4 – digestive and respiratory

Week 13 (April 15-19, 2013)Urinary system gross and histology

Week 14 (April 22-26, 2013) Reproductive system gross and histology
Quiz 5 - Circulatory, lymphatic, heart and blood

Week 15 (April 29 – May 3, 2013) Review lab

Comprehensive Lab Final Saturday May 4, 2013, 9:00 a.m.

There is no additional time outside your scheduled lab period for you to come in and review material. **Use your lab time wisely!** If you finish a lab exercise early, we advise you to use the extra time to review material. This will make it less stressful to review for the final as it will keep material fresher in your mind.