

FLORIDA INTERNATIONAL UNIVERSITY
FALL 2012
ZOO 3753L Histology Lab

Rm: OE 295

Days/times:

W 5-7:40pm (sect.1)

R 5-7:40pm (sect.2)

R 7:50-10:30pm (sect.3)

Course Description:

The histology lab is primarily a **self-study** module allowing students to examine tissue samples via computer-based imaging. The lab course is primarily a descriptive survey of basic and organ/systemic histology; however, where applicable, gross organs will be demonstrated for histological correlations. These labs are designed for **highly motivated, self-starting** students, in that each session encompasses a select number of microstructures and organ tissue samples to be studied and identified (students are advised to utilize their lab time wisely and efficiently). **Your instructor will be available to assist and gauge your progress with the proper identifications.**

Prerequisites/Eligibility:

One lab course in General Biology and Organic Chemistry; Junior or Senior status; Pre-Health professions tracks (Medicine, Dentistry, Pharmacy, Optometry, PA, etc.)

Required text:

Eroschenko, V. (2012) *diFiore's Atlas of Histology w/ Functional Correlations, 12 th Ed.* Baltimore, Maryland: Lippincott Williams and Wilkins Publishing.

Instructor of Histology labs:

Ferdinand Gomez

Office/Contact Information:

Herbert Wertheim College of Medicine Human Anatomy Teaching Laboratory
(AHC II 155A)
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Grading Policy/Course Protocol:

There will be two practical exams (**midterm 40%, final 60%**) administered this semester, of which both will be calculated to determine the final grade. The practical exams (**1 hour time limit**) comprise the proper written identification (**spelling counts!**) of specific microanatomical structures/organ histology pertinent to the material covered in previous lab sessions. Preparation prior to the lab sessions is ideal for optimal performance. Lab protocol **requires** that all students bring to each session the following: (1) downloaded checklist for the designated week; (2) course lab atlas with all the assigned microanatomical structures highlighted on the pertinent figures (use weekly checklists as reference); and (3) lab attire.

Be advised that unpreparedness can only result in lab session bewilderment and poor semester grades! Lab session attendance is mandatory! Students missing labs will be allowed to attend an alternate session (via instructor consent ONLY) within the day/week.

The grading scale for this course is as follows: **A=100-90, B=89-80, C=79-70, D=69-60, F=59-0** (no plus or minuses). ***There are absolutely no make-up practical exams in this course (missed practical exams constitute a zero score) unless circumstances beyond the student's control arise and are IMMEDIATELY accompanied (upon return) by the appropriate documentation:***

- 1) Death in immediate family member requires official bereavement statement ;***
- 2) Student/immediate family member with acute/terminal illness requires official hospital/clinic notification;***
- 3) Traffic accident requires official accident report;***
- 4) Jury duty requires county clerk summons;***
- 5) Military assignment/deployment.***

The preceding will be taken into consideration and the student must reschedule a practical exam within the exam week « window » or (if applicable) request an «Incomplete » grade ». Candidates for grades of « Incomplete » include those students that have completed 60% of the course work satisfactorily (C grade) and cannot justifiably finish the course (planned vacations/business trips do not constitute a serious interruption).

If any of the preceding information elicits a conflict of interest, you are strongly urged to drop the course.

Required Material:

- (1) Downloaded checklists from course website and histology course atlas.
- (2) Appropriate lab wear (lab coats or clinical scrubs, closed footwear);
this will strictly enforced---no lab attire, no lab entry!
- (3) Demonstration instruments and/or gloves for handling gross organs will be provided.

***It is imperative that *all* students handle teaching tools (microscopes, slide boxes, organ specimens) with the *utmost* care. There are not many undergraduate histology laboratory courses that possess such furnishings; therefore, take advantage so that *all* may receive optimal instruction and that this course will be a unique, rewarding, and educational experience.**

Cheating policy: Cheating (ie. possession of crib sheets/notes, glaring at another's paper, etc.) during any of the administered exams is a direct violation of FIU's student conduct code and will not be tolerated in this course. The instructor will be proctoring exams diligently; violators will receive a zero score and be subjected to departmental/ university administrative action.

***Please be advised that the syllabus schedule of events and/or its contents is subject to change at the instructor's discretion.**

Best of luck to all and have a pleasant semester! ☺

HISTOLOGY LAB SCHEDULE

Week of :

8/27	Course introduction/administration
9/3	Lab I: Basic microscopy review; the cell
9/10	Labs II & III: Basic tissues--Epithelial, CT; Cartilage, Bone, Blood
9/17	<i>Computer image labeling</i>
9/24	Lab IV: Basic tissues—Muscle, Neural
10/1	<i>Computer image labeling</i>
10/8	<i>Midterm Practical Examination-Basic histology (Labs I-IV)</i>
10/15	Labs V & VI: Cardiovascular, Lymphoid; Respiratory, Integument
10/22	<i>Computer image labeling</i>
10/29	Lab VII: Digestive, Urinary; <i>last day to drop course (10/29)</i>
11/5	<i>Computer image labeling</i>
11/12	Lab VIII: Reproductive, Endocrine
11/19	<i>Thanksgiving Holiday—no labs</i>
11/26	<i>Final Practical Examination-Organ histology (Labs V-VIII)</i>

Student/syllabus validation of agreement

I, _____, have read and completely
(print and sign your name)

understand the policies and procedures of **ZOO 3753L** as stated in the fall
2012 course syllabus.

Date : _____

****Please submit the completed validation form to your
instructor during the lab session of the week of 9/3.***