

BIOL 3255: Histology Laboratory

Fall 2011

Professor: Dr. Paul Pillitteri
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Office Hours: 11-1 MWF; 10-12 T

Class time and place:
Thursday Sec 1 - 9:00-11:50
Sec 2 - 1:00-3:50
SCA 211

Course Description:

This laboratory is designed to reinforce material gained in lecture and to practically apply that material in the laboratory setting. You will use both microscopes and digital images to better identify and work with histological specimens. You will also be learning basic histological techniques including proper use of microscopes, tissue harvesting, tissue embedding and sectioning, staining techniques, and digital manipulation and presentation of slides.

Course Objectives:

Gain Factual Knowledge and Fundamental Principles of the structure and organization of body tissues:

- gain better ability to identify cell and tissues types
- gain practical understanding of the organization and features of tissues types within different organs and organ systems
- gain practical knowledge of histological techniques and equipment

Learn to Apply course material:

- use histological techniques to explore course material in practical lab setting

Lab Materials:

All lab materials will be provided for students – most via the “G” drive or stored on the laboratory computers. You will be able to save your class work on the lab computers but it is recommended that you back up your work with a thumb drive.

Co-requisite:

BIOL 3250: Histology

Attendance:

Labs provide practical, hands on learning of not only information, but also techniques. There is no way to make up for the lost experience. Plus, all labs count for points which you can't get if you're not there. Only some of the labs can be made up if missed.

General Course Policies:

1. All lecture related material (ie. Slides) is testable on lecture exams.
2. A certificate signed by a certified medical doctor or a documented family emergency are the ONLY acceptable excuses for missing a lab, unless prior arrangements are made.
3. Late work is accepted, but will be penalized 10% per day.
4. Laptop computers are allowed in class ONLY if used for class related work (note taking, slide viewing, etc). Web surfing, social networking, and other non-related activities will not be tolerated. Student will be asked to leave class and assignments or activities for that day will be entered as a grade of zero.

Laboratory Setting:

- Students are required to use the equipment and supplies as described/demonstrated by the instructor.
- No Equipment may leave the laboratory.
- No food or drink is allowed in the laboratory

Grading:

Assignments:	(~several)	100 points
Quizzes (in class):	(bi-weekly)	100 points
Lab Participation:		100 points
Final Project:		100 points
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		~400 points

Quizzes **cannot be made up** except in the case of an excused absence. The only type of excused absence is one sanctioned by university activities such as sports or academic field trips. Excused absences require a letter from a coach/instructor **prior** to the absence. Make-ups must be within 3 school days.

The grading scale is as follows: (no curve)

100-93% = A, 92-90% = A-
89-87% = B+, 86-83% = B, 82-80% = B-
79-77% = C+, 76-73% = C, 72-70% = C-
69-67% = D+, 66-63% = D, 62-60% = D-
59% and below = F

****THERE IS NO FORM OF EXTRA CREDIT****

Student Responsibilities:

Be courteous. Show up to class on time and TURN OFF CELL PHONES, pagers etc. during class.

Academic Dishonesty is not tolerated. Scholastic dishonesty will not be tolerated and will be prosecuted to the fullest extent. You are expected to have read and understood the current issue of the student handbook (published by Student Services) regarding student responsibilities and rights, and the intellectual property policy, for information about procedures and about what constitutes acceptable on-campus behavior.

If your cell phone is out and on during an exam/quiz you automatically fail the exam.

American Disabilities Act Statement: Students with medical, psychological, learning, or other disabilities desiring academic adjustments, accommodations, or auxiliary aids will need to contact the Southern Utah University Coordinator of Services for Students with Disabilities (SSD) in Room 206F of the Sharwan Smith Center, phone (435) 865-8022. SSD determines eligibility for and authorizes the provision of services.

Emergency Management Statement: In case of emergency, the University's Emergency Notification System (ENS) will be activated. Students are encouraged to maintain updated contact information using the link on the homepage of the *mySUU* portal. In addition, students are encouraged to familiarize themselves with the Emergency Response Protocols posted in each classroom. Detailed information about the University's emergency management plan can be found at <http://www.suu.edu/ad/facilities/emergency-procedures.html>

HEOA Compliance Statement: The sharing of copyrighted material through peer-to-peer (P2P) file sharing, except as provided under U.S. copyright law, is prohibited by law. Detailed information can be found at <http://www.suu.edu/it/p2p-student-notice.html>.

Information contained in this syllabus, other than the grading, late assignments, makeup work, and attendance policies, may be subject to change with advance notice, as deemed appropriate by the instructor.