

LABORATORY INVESTIGATIONS
BIOLOGY 1122
Fall 2009

INSTRUCTORS: Section 1 (Mon pm lab, SB 3.01.34) - Linda Carrillo
Section 2 (Mon pm lab, SB 3.01.36) - Kalpana Parvathaneni
Section 3 (Mon night lab, SB 3.01.34) - George Vangelakos
Section 4 (Tue am lab, SB 3.01.34) - Solomon Nfor
Section 5 (Tue am lab, SB 3.01.36) - Satya Sridhar Karanki
Section 6 (Tue pm lab, SB 3.01.34) - Brian Bauereis
Section 7 (Tue pm lab, SB 3.01.36) - Kalpana Parvathaneni
Section 901 (Tue pm lab DT, DB 2.306) - Linda Carrillo
Section 8 (Tue night lab, SB 3.01.34) - Mary Koonce
Section 9 (Wed am lab, SB 3.01.34) - Solomon Nfor
Section 10 (Wed am lab, SB 3.01.36) - Jonathan Grossheim
Section 11 (Wed pm lab, SB 3.01.34) - Eileen Vidro
Section 12 (Wed pm lab, SB 3.01.36) - Jonathan Grossheim
Section 902 (Wed pm lab DT, DB 2.306) - Linda Carrillo
Section 13 (Wed night lab, SB 3.01.34) - George Vangelakos
Section 14 (Thurs am lab, SB 3.01.34) - Solomon Nfor
Section 15 (Thurs pm lab, SB 3.01.34) - Jennifer Schulze
Section 16 (Thurs pm lab, SB 3.01.36) - Satya Sridhar Karanki
Section 17 (Fri am lab, SB 3.01.34) - Elisabeth Sykes
Section 18 (Fri pm lab, SB 3.01.34) - Mary Koonce
Section 19 (Fri pm lab, SB 3.01.36) - Elisabeth Sykes
Section 20 (Sat am lab, SB 3.01.34) - Linda Carrillo

Note: Tue - Fri am labs are 7:30am to 12.30pm, Sat am lab is 8:00am to 1:00pm, Mon - Fri pm labs are 1:00pm to 6:00pm and Mon - Wed night labs are 6:30pm to 11:30pm

OFFICE HOURS: After class and by appointment

OFFICE PHONE: Department Of Biology Office 458-4458

TEXT & NECESSARY SUPPLIES: Farnsworth, Laboratory Investigations in Biology, 2007, Eighth ed. & Calculator

SUGGESTED SUPPLIES: Two pocket folder, or 1.5" 3-ring binder & dividers (at least 12)

COURSE OBJECTIVES: The student will learn by a "hands on" approach to doing experimental biological science; via the **LOOK**, **GUESS** and **TEST** method (the way science is done in the real world).

CALCULATION OF GRADES: Laboratory notebook - 20%
Class participation, attitude, and cooperation - 5%
Quizzes - 20%
Presentations - 10%
Midterm (open lab notebook) - 20%
Final (open lab notebook, cumulative) - 25%

A=90-100%	B=80-89%	C=70-79%	D=60-69%	F=0-59%
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LAB RULES: **No make-up labs, quizzes or exams, except in cases of serious illness (verified) or personal emergencies such as a death in the family (verified). NO EXTRA CREDIT.**

Attend your lab section on time and do your own work. (YOU WILL BE DOCKED POINTS OFF OF YOUR LAB NOTEBOOK GRADE FOR BEING LATE AND IF YOU ARE ONE HOUR OR MORE LATE YOU WILL NOT GET CREDIT FOR THAT LAB.) Attending another section is only permitted in emergencies and with the consent of both instructors and the lab coordinator.

CELLULAR PHONES, PAGERS, ALL COMMUNICATIONS DEVICES SHOULD BE TURNED OFF. DO NOT PLACE OR RECEIVE CALLS AND/OR MESSAGES IN CLASS.

NO OPEN TOED SHOES OR HIGH HEELS (THE SHOES MUST COVER ALL OF YOUR FOOT & SOCKS WORN). YOU MUST WEAR LONG PANTS, SHORTS OR SKIRTS REQUIRE KNEE HIGH SOCKS AND A LONG LAB COAT. YOU MAY NOT ENTER THE LAB WITHOUT THE PROPER ATTIRE ON.

NO EATING OR DRINKING IN THE LAB UNLESS IT IS PART OF THE LAB.

Some labs involve dissection of preserved specimens or working with living organisms. Alternatives to these experiments are available and participation in the lab or the alternative is required.

BIO 1122 SYLLABUS

<u>WEEK OF</u>	<u>MODULE</u>	<u>TOPIC</u>
Aug 26-29	Check-In	Introduction
Aug 31-Sept 5	I	Anatomy/Introduction
Sept 7-12	Labor Day Holiday <u>Monday Classes</u> Will Not Meet This Week. Tuesday - Saturday Classes will have Anatomy lab	
Sept 14-19	II	Microscopy
Sept 21-26	III	Instrumentation
Sept 28-Oct 3	IV	Human Physiology
Oct 5-10	V	Forensic Biology
Oct 12-17	VI	Molecular Biology: Cut and Paste
Oct 19-24	MIDTERM	
Oct 26-31	VII	Microbiology

**** OCTOBER 29 IS THE LAST DAY FOR SOPHOMORE AND ABOVE TO DROP AN INDIVIDUAL ****

**** COURSE AND RECEIVE AN AUTOMATIC "W". ****

Nov 2-7	IX	Animal Behavior/Development
Nov 9-14	XI	Nutrition/Development
Nov 16-21	XII	Botany
Nov 23-28	Thanksgiving Holidays (NO CLASSES THIS WEEK)	

FINAL EXAM SCHEDULE

Monday, November 30	Monday pm labs - 1:00pm to 4:00pm Monday night lab - 6:30pm to 9:30pm
Tuesday, December 1	Tuesday am labs - 7:30am to 10:30am Tuesday pm labs - 1:00pm to 4:00pm Tuesday night lab - 6:30pm to 9:30pm
Wednesday, December 2	Wednesday am labs - 7:30am to 10:30am Wednesday pm labs - 1:00pm to 4:00pm Wednesday night lab - 6:30pm to 9:30pm

**** DECEMBER 2 IS THE LAST DAY FOR FRESHMAN TO DROP AN INDIVIDUAL ****

**** COURSE AND RECEIVE AN AUTOMATIC "W". ****

Thursday, December 3	Thursday am lab - 7:30am to 10:30am Thursday pm labs - 1:00pm to 4:00pm
Friday, December 4	Friday am lab - 7:30am to 10:30am Friday pm labs - 1:00pm to 4:00pm
Saturday, December 5	Saturday am lab - 8:00am to 11:00am