

BY 124 Tentative Laboratory Schedule**Spring 2011****Required Texts:**

- (1) *Biology in the Laboratory* (3rd edition) by Doris Helms
- (2) *124 Lab Manual* (4th edition) by Cusic & Whitehead
- (3) *A Photographic Atlas for Biology Laboratory*, (5th edition) by Van de Graaff & Crawley
- (4) *Anatomy & Dissection of the Fetal Pig* (4th edition) Smith & Schenk

Lab Coordinator: Alan Whitehead **Email:** storm@uab.edu**Office:** 105/275 Campbell Hall**Phone:** 934-3158**Instructor:** Julie Schram**Email:** jbschram@uab.edu**Office:** CH 252**Office Hrs.:** By appointment

<u>Week of:</u>	<u>Topic(s)</u>	<u>Exercises:</u>
(1) Jan. 10	Kingdom Plantae	C & W 1
(2) Jan. 17	Plant Anatomy Plant Experiment Set-up *****Lab Policy Quiz*****	C & W 2; Helms 28 & 29*
(3) Jan. 24	Kingdom Fungi Blood Monitor Plants	C & W 3 Handout
(4) Jan. 31	Animal Tissues	C & W 6; Helms 32*
(5) Feb. 7	*****Exam #1***** ***Notebook Part 1 Due***	
(6) Feb. 14	Kingdom Animalia I Lab Report Seminar	C & W 4
(7) Feb. 17	Kingdom Animalia II	C & W 5
(8) Feb. 28	Introduction External Anatomy Digestive System Respiratory System	Pig Pig 1 Pig 4; Helms 40 (A)* Pig 6
(9) Mar. 7	Circulatory System CardioLab *****Lab Report Due*****	Pig 5 & Helms 38 (A-C, E, F)* On-line Lab
(10) Mar. 14	SPRING BREAK - NO LABS!!!!!!!!!!	
(11) Mar. 21	*****Exam #2***** ***Notebook Part 2 Due*** Case Studies Handout	

(12) Mar. 28	Reproductive System Excretory System Endocrine System	Pig 7 Pig 7; Helms 40 (c 1&3, D) Pig 9
(13) Apr. 4	Animal Development Disease Transmission Ex. Muscle Physiology Program	Helms 19*; Handout Computer Simulation
(14) Apr. 11	Nervous System/Senses Case Studies Due	Helms 41 (ALL BUT G)*
(15) Apr. 14	*****Exam #3***** ***Lab Notebook Part 3 Due***	

GRADING BREAKDOWN

Homework	40
Microscope exam	10
Lab Notebook Part 1	45
Lab Notebook Part 2	25
Lab Notebook Part 3	15
1 st Exam	100
2 nd Exam	100
3 rd Exam	100
Case studies***	2 @ 10 pts ea
Muscle Phys. Sheets	10
Lab Policy Quiz	10
Lab Report	100
Cardiolab	25
TOTAL	600

Lab Grade will be calculated as follows:

(Exams 1+2+3)/300 x .7 =

All other points but exams & quizzes/300 x .3

Final grade is calculated by adding the above 2 results

LAB GRADE IS 30% OF THE COURSE GRADE

LATE ASSIGNMENTS = EQUIVALENT OF 1 LETTER GRADE PER DAY PENALTY

* = instructor will advise if Helms is needed