

# Lecture & Lab Schedule for A&P2

This is a tentative lecture and lab schedule. Unannounced changes may occur.

NOTICE: There are 3 regular (in-class) exams, 1 takehome exam, 3 lab practicals, and 1 final.

The Takehome Exam will cover: Lymphatic and Immunity, Reproductive anatomy and possibly Heredity. There will be online videos covering some of these topics.

CONVOCAATION is on a Friday. We will miss lecture that day.

NOTE: the student will not have time to complete the following labs during class time, and should plan on spending extra time outside of class before coming to lab: Reproduction, Lymphatic System

Monday	Tuesday	Wednesday	Thursday	Friday
<h2>August 2009</h2>				
24 First Day of Class -Intro -Syllabus	25	26 -Blood overview -Plasma	27	28 -RBCs -Leukocyte
LAB: Endocrine				

Monday

Tuesday

Wednesday

Thursday

Friday

# September 2009

AUG31  
-Platelets & clotting

1

2  
-Blood types

3

4  
-Heart anatomy

LAB: blood cell ID & Hematology

7  
**Labor Day!**  
Stay home!

8

9  
-Heart histology

10

11  
-Heart physiology

LAB: Heart Anatomy

14  
-Cardiac mechanical cycle

15

16  
-Cardiac output

17

18  
**Exam 1**

LAB: Cardiovascular functioning

NOTE: There are 2 handouts on the internet for this lab!

21  
-Endocrine: intro to the system, mechanisms of action

22

23  
-Endocrine - Control of system, hypothalamus, anterior pituitary

24

25  
-Endocrine - Posterior Pituitary, Ovary, Testes, Thyroid, Parathyroid

LAB: Arteries & Veins #1

28  
-Endocrine - Adrenal, Pancreas, Pineal, other tissues and organs

29

30  
-Blood vessels intro and anatomy

*see next month s calendar*

Monday

Tuesday

Wednesday

Thursday

Friday

# October 2009

1

2

-Blood vessels & circulation  
physiol.

**LAB PRACTICAL 1:** Endocrine thru Cardiovascular function Endocrine thru Cardiovascular function

5  
-Monitoring Circulatory  
Efficiency & Capillary  
Exchange

6

7  
-Respiration overview

8

9  
-lower respir & blood supply

LAB: Arteries & Veins #2 (including dissections)

NOTE: do the lymphatics lab on your own time. See handout and online videos

12  
-Mechanics of breathing

13

14  
-Gas exchange & transport:  
O<sub>2</sub>

15

16  
-Gas exchange: CO<sub>2</sub>

LAB: Respiratory Anatomy

19  
**Exam 2**  
(tentatively covers Endocrine  
through Respiration - gas  
transport)

20

21  
-Gas exchange & transport

22

23  
-Digestion Overview

LAB: Respiratory Physiology (spirometry)

26  
-Digestion: Mouth &  
Swallowing

27

28  
-Digestion: Stomach

29

30  
**Convocation**  
**NO CLASSES!**

**LAB PRACTICAL #2:** Blood Vessels thru Respiratory Phys, + Lymphatics

Monday

Tuesday

Wednesday

Thursday

Friday

# November 2009

2  
-Digestion: Stomach motility & digestion in small intestine

3

4  
-Digestion: absorption of nutrients

5

6  
-Digestion: rest of track

LAB: Digestive Anatomy #1 (models & slides)

9  
-Digestion: finish up!

10

11  
-Catabolic-Anabolic States: absorptive and post-absorptive state (2<sup>nd</sup> 1/2 of

12

13  
Liver metabolism and thermoregulation (2<sup>nd</sup> 1/2 of chpt 25)

LAB: Digestive and Respiratory dissections

16  
**Exam 3**  
(tentatively covers Gas Exchange through Temperature Control)

17

18  
-Kidney Anatomy

19

20  
-Kidney microscopic anatomy & histology

LAB: Urinary Anatomy & Histology, Urinalysis

23  
-Formation of Urine

24

25  
-Concentration of Urine

26  
**Turkey Day!**  
Stay home!

27  
**Turkey Day!**  
Stay home!

LAB: Male Reproductive Anatomy & Histology & CAT PROSECTON

Monday

Tuesday

Wednesday

Thursday

Friday

# December 2009

NOV30  
-Electrolyte balance

1

2  
-pH

3

4  
-Repro/Development:  
overview & male

LAB: Female Reproductive Anatomy & Histology & CAT PROSECTON

7  
-Repro/Development female  
and meiosis

8

9  
-Repro/Development

10

11  
-Repro/Development

LAB PRACTICAL #3: Digestion thru Repro Tract, with dissections (including respiratory dissections)

14  
***Finals Week: See Finals  
Schedule For Time & Place***

15  
***Finals Week: See Finals  
Schedule For Time & Place***

16  
***Finals Week: See Finals  
Schedule For Time & Place***

17  
***Finals Week: See Finals  
Schedule For Time & Place***

18  
***Finals Week: See Finals  
Schedule For Time & Place***

**no lab**