

Hong Kong Adventist College

Anatomy & Physiology II
BIOL 112
Course Syllabus
Spring Semester 2010

Class Times

Lectures: M, W 14:30-15:20 Rm 205
Laboratory: Tu 2:30-5:20 Bio Lab

Instructors

Course Coordinator: Karen Leung
Course Instructors: Dr Barbara Choi, Karen Leung
Guest Lecturer: Dr Kelly Whitaker
Lab Instructor: Carol Yip

Contacts

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Karen Leung: karenmayleung@hotmail.com; #62539399
Carol Yip: cyhero@hotmail.com; #62840366

Office Hours

Barbara Choi: M-Th 10:30-13:20 Rm 109
Karen Leung: M, W 10:30-12:00 Rm 109

Textbook

Waugh A, Grant A: Ross & Wilson Anatomy and Physiology in Health and Illness; Churchill Livingstone, 2006 (10th edition)

Course Description & Objectives

This course is the second part of a 2-semester sequence designed to provide a foundational knowledge and understanding of the structure and function of the human body. The course is especially designed to meet the needs of students interested in the Health Sciences but also may be of interest to general education students. Organ systems covered in this class are the musculoskeletal system, the skin, the respiratory system, the digestive system, the urinary system, the reproductive systems, and genetics.

Prerequisite: BIOL 111

What Students are Expected to Do

Students are expected to do the following, all of which should contribute to learning:

1. Faithfully and carefully study the text, class notes, and other course materials;
2. Faithfully attend and carefully listen to lectures and laboratory instruction and participate in class activities;
3. Actively participate in laboratory activities;
4. Faithfully and carefully prepare for, and take all scheduled tests at the scheduled times.

Attendance

This class will comply with the “Class Absences” policy of Hong Kong Adventist College. Record is taken and punctual attendance is expected at both lectures and laboratories. Absences are excused only if one of the following applies: a) death in the family, b) illness with a written statement from a physician, c) road accidents on the way to school.

Evaluation

Tests & final exam:	60%
Laboratory reports:	30%
Attendance and participation:	10%

Grade Assignments

Final semester letter grades will be assigned according to the following scale:

A	95-100%	C+	70-74%
A-	90-94%	C	65-69%
B+	85-89%	C-	60-64%
B	80-84%	D+	55-59%
B-	75-79%	D	50-54%

Academic Honesty

Even generally honest people are tempted to cheat on an occasional test. To reduce this temptation, the following policies will be in effect during a quiz, test or final exam.

1. If the meaning of a question is unclear to you, please feel free to raise your hand and quietly ask for clarification when the teacher comes to you.
2. As much as possible, sit with at least one seat between you and your neighbour. Avoid sitting where you can easily see a paper over the shoulder of the person sitting in front of you.
3. Keep your eye on your own paper.
4. Talking, whispering, or otherwise communicating is unacceptable.
5. Electronic devices such as laptops, iPods, MP3 players will not be allowed in the room. Turn off your phone.
6. Once started, remain in the room until you have completed filling out your paper.
7. When you finish your test, please keep quiet to enhance the concentration of your fellow classmates.
8. Any form of cheating is unacceptable. Expect zero tolerance for such behaviour. Rather, we urge you to strive for nobility and honour.

Lecture and Laboratory Schedule

January	4	Section IV: Protection and survival
	5	Chapter 14: The skin
	6	Disorders of the skin
	11	Chapter 15: Resistance and immunity
	12	Immunity
	13	Abnormal immune function
	18	Chapter 16: The musculoskeletal system
	19	<i>Lab 1: Skin and bones</i>
	20	Bone
	25	Joints
	26	<i>Lab 2: Joints and movement</i>
	27	Muscle tissue
February	1	Skeletal muscles
	2	<i>Lab 3: Skeletal muscle</i>
	3	Diseases of bone and muscle
	8	Chapter 18: The reproductive systems
	9	Female reproduction
	10	Male reproduction
March	1	Test I
	2	<i>Lab 4: Male and female reproductive systems</i>
	3	Sexually transmitted diseases
	8	Diseases of the reproductive systems
	9	Section III: Intake of raw materials and elimination of waste
	10	Chapter 10: The respiratory system
	15	The upper respiratory tract
	16	<i>Lab 5: The respiratory system</i>
	17	The lower respiratory tract
	22	Diseases of the respiratory tract
	23	Chapter 11: Introduction to nutrition
	24	Chapter 12: The digestive system
	29	Structure of the alimentary canal
	30	<i>Lab 6: The digestive system</i>
	31	Metabolism
April	12	Test II
	13	Diseases of the upper alimentary tract
	14	Diseases of the lower alimentary tract
	19	Chapter 13: The urinary system
	20	<i>Lab 7: The urinary system</i>
	21	Micturition
	26	Diseases of the urinary tract
	27	<i>Review</i>
	28	Chapter 17: Introduction to genetics
May	3	Genetic basis of disease
	4	<i>Lab 8: Genetics</i>
	5	
	10	Final Exam May 10-12

