



CAMOSUN COLLEGE
School of Arts & Science
Biology Department

BIOL 141A: Anatomy lab for Sport Education
Fall 2007

COURSE OUTLINE

CALENDAR DESCRIPTION

This course provides an introduction to structural and functional relationships within the 11 systems of the human body in a laboratory setting. Emphasis is given to the identification of gross and microscopic anatomical structures in slides, models, dissections and specimens. Students will learn to visualize and interpret the 3 dimensional relationships between anatomical structures viewed in sectional planes of the human body, models and slides. Anatomical terminology is stressed, with a particular focus on its relevance to exercise and health. This course is designed for students in the Exercise and Wellness, Sport Management and Athlete and Coach Development Diploma programs.

PREREQUISITES

Grade of C+ or better in English 12, Grade 11 level science, Math 11

COREQUISITES

Biology 141

1. Instructor Information

Instructor: Peggy Hunter
Office hrs: TBA
Location: F248C
Phone: 370-3427
E-mail: hunterp@camosun.bc.ca
Web site <http://hunterp.disted.camosun.bc.ca> (User ID → anatomy password → body123)

2. Required Materials

Text: *Essentials of Anatomy and Physiology (3rd edition)*, Martini, F. and Bartholomew, E. (2007)

Lab Manual: *Biology 141A: Anatomy labs for Sport Education, Lab Manual (Fall 2007)*

3. Course Particulars

Class hours: 3 hrs lab/week

Credits: 1 credit

4. Intended Learning Outcomes

- *apply anatomical terminology in a laboratory setting*
- *develop basic microscopy and dissection skills*
- *locate and identify gross and microscopic anatomical structures associated with the 11 human organ systems in slides, models, dissections and specimens*
- *visualize and interpret the 3 dimensional relationships between anatomical structures viewed in sectional planes of the human body, models and slide*
- *describe these 3 dimensional relationships using regional and directional terminology*
- *relate anatomical structures to their basic functions*

5. Basis of Student Assessment

Lab assignments / quizzes	30%
Lab exam 1	35%
Lab exam 2	35%
	<u>100%</u>

6. Grading System

The following percentage conversion to letter grade will be used:

A+ = 90 - 100%	B = 73 - 76%	D = 50 - 59%
A = 85 - 89%	B- = 70 - 72%	F = 0 - 49%
A- = 80 - 84%	C+ = 65 - 69%	
B+ = 77 - 79%	C = 60 - 64%	

7. Learning support and services for students

Learning Skills offers assistance to learners in a variety of ways.

<http://www.camosun.bc.ca/learning-skills/>

8. Student Responsibilities

1. *Students are expected to hand in any required assignments on time. Assignments are due at the **beginning** of the class period on the due date. Assignments not handed in at the beginning of class will be considered late, for which there is a 10% penalty/day.*
2. *Attendance correlates highly with academic success. If unable to attend a lecture or lab session, the student is responsible for arranging with a classmate to obtain information such as notes, handouts and announcements.*
3. *Examinations must be written as scheduled except in the case of illness or emergency. The student must notify the instructor **in advance** of the examination. Documentation acceptable to your instructor is required to schedule a make-up exam. **Vacation or travel plans do not constitute an emergency and exams will not be rescheduled***
4. *Any evaluation of work for in-class assignments or lab assignments, reports and/or participation will not be given if a student is not present in class or lab..*
5. *Quizzes will be written at the beginning of class; if you are late for class you will not be allowed to write the quiz*
6. *Students are expected to work independently on assignments unless instructed that the evaluation is based on group effort. Please see **ACADEMIC MISCONDUCT**.*

There is an **Academic Conduct Policy**. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, Registration, and on the College web site in the Policy Section, and in the **Camosun calendar p 36-38**

7. Concerning spelling

Mastering the usage of anatomical and physiological terminology will be important to you for several reasons. Correct usage (pronunciation and spelling) will

- foster self confidence
- help to earn the respect of your professional colleagues
- reduce the chances of practical mistakes which may cause harm or embarrassment. (consider the difference between the terms **peroneal** and **perineal** or **ileum** and **ilium**)

You will be expected to use acceptable pronunciation and correct spelling for presentations, assignments and exams. **Penalties for spelling errors will be applied.** If writing is illegible, no marks will be given.