



School of Arts & Science  
BIOLOGY DEPARTMENT  
BIOL 150  
Human Anatomy  
Winter 2010

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## COURSE OUTLINE

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The course description is online @ <http://camosun.ca/learn/calendar/current/web/biol.html>

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### 1. Instructor Information

Instructor: Dominic Bergeron, Ph.D.  
Office hrs: 2:30 – 5:30 (M, W)  
Location: F252B  
Phone: 250- 370-3465  
E-mail: BergeronD@camosun.bc.ca

### 2. Intended Learning Outcomes

Upon completion of this course the student will be able to:

1. Describe, using anatomical terminology, the human body at the tissue, organ and organ system levels.
2. Locate and identify gross and microscopic anatomical structures associated with the 11 human organ systems in slides, models, photographs, diagrams and dissections.
3. Interpret the relationships between anatomical structures in sectional planes of the human body, and describe these relationships using regional and directional terminology.
4. Relate anatomical structures to their basic functions and predict how changes in one would logically be expected to result in changes in the other.
5. Locate and identify surface anatomical structures by palpation.
6. Define anatomical and physiological terms, and apply this terminology in the context of human health science.

### 3. Required Materials

Text: Anatomy and physiology: the unity of form and function. 4th edition. Kenneth Saladin. McGraw Hill; **OR** another college level textbook of anatomy or anatomy and physiology.

Lab: Biology 150 High School. **Laboratory Manual Winter 2010.** Camosun College.

#### 4. Course Content and Schedule

##### LECTURE SCHEDULE

|          |             |                                |
|----------|-------------|--------------------------------|
| February | 1-5         | Intro to cells                 |
| February | 8-12        | Tissues / Integument           |
| February | 15-19       | Skeletal System Part 1         |
| February | 22-26       | Skeletal System Part 2         |
| March    | 1-5         | Skeletal System Part 3         |
| March    | 8-12        | Muscular System Part 1         |
| March    | 15-19       | Muscular System Part 2         |
| March    | 22-26       | Muscular System Part 3         |
| March    | 29- April 2 | Nervous System Part 1          |
| April    | 5-7         | Nervous System Part 2          |
| April    | 12-14       | Nervous System Part 3          |
| April    | 19-21       | Cardiovascular system          |
| April    | 26-28       | Lymphatic / Respiratory System |
| May      | 3-5         | Respiratory System             |
| May      | 10-12       | Digestive System               |
| May      | 17-19       | Urinary System                 |
| May      | 24-26       | Reproductive System            |

**MIDTERM 1: March 22-26**

**MIDTERM 2: April 26-28**

##### LAB SCHEDULE

|              |                  |   |
|--------------|------------------|---|
| February     | 8-10             | Introduction course overview                                      |
| February     | 15-17            | Lab 1 – Body overview   |
| February     | 22-24            | Lab 2 – Microscopy and Cell Structure                             |
| March        | 1-3              | Lab 3 – Tissues and Integumentary System                          |
| March        | 8-10             | <u>NO LAB (March Break)</u>                                       |
| March        | 15-17            | Lab 4 – Introduction to Skeletal System (Axial Skeleton)          |
| March        | 22-24            | Lab 5 – Skeletal System (Appendicular Skeleton) and Articulations |
| March        | 29-31            | Lab 6- Muscular System  |
| April        | 5-7              | <u>NO LAB (Easter Monday)</u>                                     |
| <b>April</b> | <b>12-14</b>     | <b><u>MIDTERM LAB EXAM</u></b>                                    |
| April        | 19-21            | Lab 7 - Central Nervous System                                    |
| April        | 26-28            | Lab 8 – Peripheral Nervous System                                 |
| May          | 3-5              | Lab 9 – Special Senses and Endocrine System                       |
| May          | 10-12            | Lab 10 – Cardiovascular and Lymphatic Systems                     |
| May          | 17-19            | Lab 11 – Respiratory and Digestive Systems                        |
| May          | 24-26            | Lab 12 – Urinary and Reproductive System                          |
| <b>May</b>   | <b>31-June 2</b> | <b><u>FINAL LAB EXAM</u></b>                                      |

#### 5. Basis of Student Assessment (Weighting)

|                       |             |
|-----------------------|-------------|
| Weekly Quiz .....     | 10%         |
| Mid-term Exam I.....  | 15%         |
| Mid-term Exam II..... | 15%         |
| Lab exam I.....       | 15%         |
| Lab exam II.....      | 15%         |
| Final exam.....       | <u>30%</u>  |
| Total                 | <u>100%</u> |

## 6. Grading System: Standard Grading System (GPA)

| Percentage | Grade | Description   | Grade Point Equivalency |
|------------|-------|---|-------------------------|
| 90-100     | A+    |   | 9                       |
| 85-89      | A     |   | 8                       |
| 80-84      | A-    |   | 7                       |
| 77-79      | B+    |   | 6                       |
| 73-76      | B     |   | 5                       |
| 70-72      | B-    |   | 4                       |
| 65-69      | C+    |   | 3                       |
| 60-64      | C     |   | 2                       |
| 50-59      | D     | Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite. | 1                       |
| 0-49       | F     | Minimum level has not been achieved.  | 0                       |

### Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy E-1.5 at [camosun.ca](http://camosun.ca) for information on conversion to final grades, and for additional information on student record and transcript notations.

| Temporary Grade | Description  |
|-----------------|--|
| I               | <i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.  |
| IP              | <i>In progress:</i> A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. <i>(For these courses a final grade will be assigned to either the 3<sup>rd</sup> course attempt or at the point of course completion.)</i> |
| CW              | <i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.  |

## LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College calendar, at Student Services, or the College web site at [camosun.ca](http://camosun.ca).

## STUDENT CONDUCT POLICY

There is a Student Conduct Policy **which includes plagiarism**. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, at Student Services, and the College web site in the Policy Section.