



School of Arts & Science  
BIOLOGY DEPARTMENT  
BIOL 260  
General Pathophysiology  
Winter 2016 (Jan – Apr)

## COURSE OUTLINE

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

- \* Please note: the College electronically stores this outline for five (5) years only.  
It is **strongly recommended** you keep a copy of this outline with your academic records.  
You will need this outline for any future application/s for transfer credit/s to other colleges/universities.

This course is an introduction to human pathophysiology, initially exploring the foundational concepts of disease, with reference to pathophysiology relative to dental hygiene. Emphasis then shifts to pathogenesis and disease processes using specific diseases as examples.

### 1. Instructor Information

(a)	Instructor:	Dr. Jane Gair		
(b)	Drop-In Office Hours:	Tues and Thurs 12:30 – 1:30 pm		
(c)	Location:	F352		
(d)	Phone:	3909	Alternative Phone:	
(e)	Email:	<a href="mailto:gairj@camosun.bc.ca">gairj@camosun.bc.ca</a> and <a href="mailto:jgair@uvic.ca">jgair@uvic.ca</a>		
(f)	Website:	<a href="http://online.camosun.ca/">http://online.camosun.ca/</a> (D2L entry site)		

**IMPORTANT NOTE:** I understand that the scheduled times will not fit into everyone's schedules. **This should not deter you from trying to visit me in my office!** My schedule will be posted on my office door: I can be available at almost any time that I'm not already in class or lab. Simply arrange an appointment by phone or e-mail and I'll be **very pleased** to meet with you at a mutually convenient time.

### 2. Intended Learning Outcomes

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

1. Explain the foundational concepts of pathology.
2. Identify altered physiologic patterns in the pathogenesis of specific diseases.
3. Explain how and why normal physiology is altered in the pathogenesis of diseases studied in the course.

### 3. Required Materials

#### Text

Compulsory:

Gould (2014) *Pathophysiology for the Health Professions*, 5<sup>th</sup> Ed. W.B. Saunders

Recommended:

Any college-level Human Physiology (or Anatomy and Physiology) textbook

Optional:

Gould (2014) Study Guide for *Pathophysiology for the Health Professions*, 5<sup>th</sup> Ed. W.B. Saunders

#### Lecture Outlines

Lectures will be delivered in a PowerPoint format. PowerPoint slides will be made available on the Biology 260 D2L website. These may be used or printed at the student's discretion to help follow the lectures.

#### 4. Course Content and Schedule

##### Class Schedule:

Lectures: Tues 3:00 PM – 4:20 PM (Fisher 334)  
Thurs 11:00 AM – 12:20 PM (Ewing 348)

##### Course Content:

See Last Page

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

Midterm (Unit) Exam 1	20%	Health History Manual Assignment	15%
Midterm (Unit) Exam 2	25%	Final (Cumulative) Exam	40%

**Note: In cases where a student obtains a midterm exam mark of <60%, If the final exam mark exceeds 75% and includes a mark of ≥70% on the material covered in the first two midterms, then the weight of the midterm exam will drop to 10% (Midterm 1) or 12.5% (Midterm 2) and the weight of the final exam will be increased accordingly.**

#### 6. Grading System

##### Standard Grading System (GPA)

**Note: While a grade of D or higher is considered a passing grade in Biology, a minimum grade of B- (70%) is required to continue in the Dental Hygiene program.**

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. (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.)
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.

## 7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

### 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.

#### Plagiarism

Plagiarizing is appropriating the work of another or parts or passages of another's writing (**including the ideas or language**) and passing them off as the product of one's own mind or manual skill. **Plagiarism will not be tolerated.** All written material must be done individually. Plagiarism, **including the copying of any part of assignments or lab assignments**, is a serious offence and is considered to be academic misconduct.

#### Cheating

A student caught cheating on an exam will forfeit all credit for that exam and perhaps for the course. Cheating is a serious offence and is considered to be academic misconduct. **Cheating includes, but is not limited to, using unauthorized materials in a quiz/exam and providing information to another person regarding exam content.**

The consequences for cheating and plagiarism are outlined by Camosun College policies (see <http://camosun.ca/about/policies/education-academic/e-2-student-services-&-support/e-2.5.pdf> and <http://camosun.ca/about/policies/education-academic/e-2-student-services-&-support/e-2.5.1.pdf>) and may be severe.

#### Missed Exams

**Without exception**, all lecture and lab exams must be written at the scheduled times. **Under no circumstances will a make-up exam be administered.** However, it is understood that emergency circumstances occur (e.g. illness or emergency in the **immediate** family); for such circumstances accommodation may be offered at the discretion of the instructor, provided (a) the instructor is notified **in advance** of the exam and (b) the student provides **documented evidence** of the circumstance (i.e. medical certificate). **Without exception**, the accommodation will be in the form of adjusting the weighting of the final exam to make up the missing marks. In such cases, the final exam will include extra questions to examine knowledge of the untested subject matter.

**\*\*\*\* HOLIDAYS OR SCHEDULED FLIGHTS ARE NOT CONSIDERED TO BE EMERGENCIES \*\*\*\***

Be sure not to plan airline flights for the end of semester until the final exam schedules are finalized and posted.

## **Late Penalties**

All assignments must be handed in on the scheduled date **by the start of class**. Late assignments will be graded but marks equivalent to 10% of the total value of the assignment will be deducted per day past the deadline.

## **Student Responsibilities**

1. Attendance is important to ensure success. If unable to attend a session, the student is responsible for arranging with a classmate to obtain information such as notes, handouts and announcements.
2. Any evaluation of work for in-class assignments, reports and/or participation will not be given if a student is not present for any reason.
3. Students are expected to work independently on reports unless instructed that the evaluation is based on group effort and evaluation.
4. Students must turn off cell phones during lectures.

**Biology 260 - W16 - Course Schedule (Note: Scheduled dates are subject to change)**  
**Topics may be added or deleted depending upon time constraints**

Wk	Day	Date	Unit	Lecture Topic	Chap
1	Tues	12-Jan-16	1	Course Introduction & Introduction to Pathophysiology	
1	Thurs	14-Jan-16	1	Introduction to Pathophysiology	1
2	Tues	19-Jan-16	2	Inflammation and Healing	5
2	Thurs	21-Jan-16	2	Inflammation and Healing	5
3	Tues	26-Jan-16	3	Abnormal Immune Responses	7
3	Thurs	28-Jan-16	3	Abnormal Immune Responses	7
4	Tues	2-Feb-16	3	Abnormal Immune Responses	7
4	Thurs	4-Feb-16	3	Abnormal Immune Responses	7
5	Tues	9-Feb-16	4	Stress Response	26
5	Thurs	11-Feb-16	4	Stress Response & Cancer	26, 20
6	Tues	16-Feb-16		<b>MIDTERM EXAM 1</b>	
6	Thurs	18-Feb-16		<b>READING BREAK</b>	
7	Tues	23-Feb-16	5	Cancer	20
7	Thurs	25-Feb-16	5	Cancer	20
8	Tues	1-Mar-16	6	Blood and Cardiovascular Disorders	10, 12
8	Thurs	3-Mar-16	6	Blood and Cardiovascular Disorders	10, 12
9	Tues	8-Mar-16	6	Blood and Cardiovascular Disorders	10, 12
9	Thurs	10-Mar-16	6	Blood and Cardiovascular Disorders	10, 12
10	Tues	15-Mar-16		<b>MIDTERM EXAM 2</b>	
10	Thurs	17-Mar-16	7	Digestive System Disorders	17
11	Tues	22-Mar-16	7	Digestive System Disorders	17
11	Thurs	24-Mar-16		<b>MADHC Visit – no class</b>	
12	Tues	29-Mar-16	8	Endocrine Disorders	16
12	Thurs	31-Mar-16	8	Endocrine Disorders	16
13	Tues	5-Apr-16	9	Respiratory Disorders	13
13	Thurs	7-Apr-16	9	Respiratory Disorders	13
14	Tues	12-Apr-16			
14	Thurs	14-Apr-16		<b>REVIEW</b>	
	Mon	18-Apr-16		<b>FINAL EXAM PERIOD BEGINS</b>	