



COURSE OUTLINE

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

Ω 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.

1. Instructor Information

(a)	Instructor:	Michael Pollock
(b)	Office Hours:	M 1:00-2:20, T 11:30-12:50, W 10:30-11:50
(c)	Location:	Fisher 308B
(d)	Phone:	250-370-3111(email is preferable)
(e)	Email:	pollockm@camosun.ca
(f)	Website:	D2L (https://online.camosun.ca)

2. Intended Learning Outcomes

(No changes are to be made to these Intended Learning Outcomes as approved by the Education Council of Camosun College.)

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

1. Summarize the history of biopsychology, and the relationship of biopsychological theories and methods to the broader field of psychology.
2. Compare the most important research methods used in biopsychology.
3. Discuss the basic concepts, supporting the evidence for the interaction of evolution, genetics and experience in the development of behaviour.
4. Label and summarize the basic structures and functions of the human nervous system.
5. Explain the processes involved in neural conduction and synaptic transmission.
6. Label images of the human visual system and explain basic visual processes in the central nervous system.
7. Discuss the mechanisms of perception, consciousness, awareness and attention.
8. Describe the functioning of the human sensorimotor system.
9. Summarize the processes involved in the development of the human nervous system and the ways in which the human brain attempts to cope with brain damage with an emphasis on neuroplasticity.
10. Discuss human learning, memory and amnesia as they relate to the human brain.
11. Summarize human sexual development, human sexual dimorphism and the effects of hormones on human development and behaviour.
12. Describe a model of drug addiction and a general model of the effects of various drugs on the neuronal function.
13. Discuss various disorders of cognition and emotion with regard to the human brain.
14. Summarize the effects of stress and emotions on human neurophysiology.
15. Discuss the neurophysiology of schizophrenia, depression and anxiety and attempts to treat these disorders.

3. Required Materials

Pinel, John P. J. (2014). Biopsychology. (9th ed.). Toronto: Pearson.

4. Course Content and Schedule

COURSE CONTENT AND SCHEDULE			
Date	Readings	Due day before	Lecture topic or lab activity
W Sep 9			Lab: Introduction and course overview
M Sep 14	Ch.1 & 5.1	Online quiz on Biopsychology	Lecture #1: How can you know which

		& its Methods	biopsychological claims are true?
W Sep 16			Lab: In-class quiz on Biopsychology & its Methods
M Sep 21	Ch.2.3 & 2.5	Online quiz on Behavioral Genetics	Lecture #2: How much of your personality is due to genetics vs. how you were raised?
W Sep 23			Lab: In-class quiz on Behavioral Genetics
M Sep 28	Ch.3.2 & 4.1-4.4	Online quiz on Electrophysiology	Lecture #3: How does your mind arise from the electrical activity of brain cells?
W Sep 30			Lab: In-class quiz on Electrophysiology
M Oct 5	Ch.4.5-4.7, 15.3, & 18.1-18.2	Online quiz on Neurochemistry & Neuropharmacology	Lecture #4: How do chemicals/drugs alter your state of mind?
W Oct 7			Lab: In-class quiz on Neurochemistry & Neuropharmacology
M Oct 12			<i>Thanksgiving Day – Classes cancelled</i>
W Oct 14			Lab: Midterm review
M Oct 19			Lecture: Midterm review
W Oct 21			Lab: Midterm exam
M Oct 26	Ch.3.1, 3.3, 3.5, 3.6, & 14.5	Online quiz on PNS & Brainstem	Lecture #5: What are the functions of your peripheral nervous system & brainstem structures?
W Oct 28			Lab: In-class quiz on PNS & Brainstem
M Nov 2	Ch.3.6, 7.1, 7.3, 8.2, 8.4, 9.2, 15.4, & 17.1-17.4	Online quiz on Forebrain	Lecture #6: What are the functions of your forebrain structures?
W Nov 4			Lab: In-class quiz on Forebrain
M Nov 9	Ch.16 & 17.4	Online quiz on Lateralization	Lecture #7: How do the two sides of your brain differ in function?
W Nov 11			<i>Remembrance Day – Classes cancelled</i>
M Nov 16	Ch.6.4, 6.6, 7.3, 7.5, & 11.7	Online quiz on Perception	Lecture #8: How do your conscious experiences arise from your brain?
W Nov 18			Lab: In-class quiz on Lateralization and Perception
M Nov 23	Ch.8.2-8.5, 8.8, & 18.4	Online quiz on Action	Lecture #9: How do your voluntary actions arise from your brain?
W Nov 25			Lab: In-class quiz on Action
M Nov 30	Ch. 11	Online quiz on Memory	Lecture #10: How does your brain allow you to relive previous conscious experiences?
W Dec 2			Lab: In-class quiz on Memory
M Dec 7			Lecture: Final review
W Dec 9			Lab: Final review
TBA			Final exam

5. Basis of Student Assessment (Weighting)

Your course grade will be based on a weighted average of the percentage points you achieve across the following course components:

Course component	Weight
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Participation:	5%
Online Quizzes:	5%
In-class Quizzes:	30%
Midterm Exam:	24%
Final Exam:	36%

In addition, there will be opportunities in class for bonus points.

6. Grading System

(No changes are to be made to this section unless the Approved Course Description has been forwarded through the Education Council of Camosun College for approval.)

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 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 rd 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.

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.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED