

PHYSIOLOGICAL PSYCHOLOGY I
PSYC 2900/3 Section 001
Fall, 2017

COURSE OUTLINE

Instructor: Dr. Bruce Bolster
Office: 3L01 Lockhart Hall
Phone: 786-9338
email: b.bolster@uwinnipeg.ca

Lectures: MWF 10:30 – 11:20, Rm. 3M62
Labs: Thursday 2:30 – 5:15, Rm 4L29
Office Hours: By appointment.

REQUIRED TEXT:

Carlson, Neil R. (2013), Physiology of Behavior (11th Edition),
Toronto: Pearson Education Ltd.

CALENDAR DESCRIPTION:

This course is an introduction to the physiological determinants of behaviour. The development, structure and function of the nervous and endocrine systems are considered in detail. Topics to be covered include the brain bases of sensory, motor and cognitive processes.

OVERVIEW:

Lectures will provide an introduction to the problems, methods of inquiry, and major content areas of physiological psychology. Strong emphasis will be placed on the anatomy and functional neurophysiology of the central nervous system in mammals, with particular attention being paid to the human species. Labs and demonstrations will cover topics including the evolution of brain and behaviour, functional neuroanatomy, and research techniques in experimental and clinical neuroscience.

LECTURE OUTLINE:

<u>TOPIC</u>	<u>Text Chapter</u>
1. Evolution of brain and behaviour	1
2. Functional organization of the nervous system	3
3. Physiology of the neuron	2
4. Neurochemistry & neuropharmacology	4
5. Sensory Processes 1: Vision	6
6. Sensory processes 2: Hearing, taste, smell	7

GRADING:

Marks will be allocated as follows:

Laboratory assignments	30%
Mid term test	30%
<u>Final Exam</u>	<u>40%</u>
TOTAL	100%

TEST SCHEDULE:

Fall mid-term Reading Week: October 8-14, 2017
Mid-term test: Monday, October 16; 10:30 - 11:20; Room 3M62
Final exam: Friday, December 15, Room 3M62, (2 hours)

The test and exam must be written on the assigned dates. Dates for the lab tests/assignments will be announced in the lab. Students missing test deadlines for reasons of illness must submit a note to this effect from their physician or other health professional. In emergencies only, tests may be rescheduled by prior arrangement with the instructor. Any test missed without prior arrangement or appropriate documentation will be assigned a grade of 0.

NOTE: The final date for voluntary withdrawal without academic penalty is **November 10**

GRADE COMPUTATION:

Grade point totals, determined by the above formula, will be converted to letter grades according to the following scale:

A+	95 - 100	C+	65 - 69
A	85 - 94	C	55 - 64
A-	80-84	D	50 - 54
B+	75 - 79	F	0 - 49
B	70 - 74		

NOTE: These cutoffs are **tentative**, and subject to change in either direction.

EXAMPLE OF GRADE COMPUTATION:

Student	Lab/30	Mid-term/30	Final/40	Total/100	Grade
Sarah Bellum	24	25	31	80	A-
Nora Drenalin	18	17	25	60	C
Mel O. Tonin	20	22	28	70	B

Appendix: University Policies

Students with documented disabilities, temporary or chronic medical conditions, requiring academic accommodations for tests/exams (e.g., private space) or during lectures/laboratories (e.g., access to volunteer note-takers) are encouraged to contact Accessibility Services (AS) at 786-9771 or email accessibilityservices@uwinnipeg.ca to discuss appropriate options. Specific information about AS is available on-line at <http://www.uwinnipeg.ca/accessibility>. All information about a student's disability or medical condition remains confidential.

Students should be familiar with the Regulations and Policies section of the *Course Calendar* dealing with academic regulations and policies including Senate appeals and academic misconduct (e.g. plagiarism, cheating)

Students facing a charge of academic or non-academic misconduct may choose to contact the University of Winnipeg Students' Association (UWSA) where a student advocate will be available to answer any questions about the process, help with building a case, and ensuring students have access to support. For more information or to schedule an appointment, visit our website at www.theuwsa.ca/academic-advocacy or call 204-786-9780.

All students, faculty and staff have the right to participate, learn and work in an environment that is free of harassment and discrimination. The UW Respectful Working and Learning Environment Policy may be found online at www.uwinnipeg.ca/respect.

Students may choose not to attend classes or write examinations on holy days of their religion, but they must notify their instructors at least two weeks in advance. Instructors will then provide opportunity for students to make-up work and/or examinations without penalty. A list of religious holidays can be found at: <http://uwinnipeg.ca/academics/calendar/docs/important-notes.pdf>

We ask that you please be respectful of the needs of classmates and instructors/professors by avoiding the use of unnecessary scented products while attending lectures. Exposure to scented products can trigger serious health reactions in persons with asthma, allergies, migraines or chemical sensitivities. Please consider using unscented necessary products and avoiding unnecessary products that are scented (e.g. perfume).