



**School of Arts & Science
PSYCHOLOGY DEPARTMENT**

**PSYC 110
Introduction to Experimental Psychology
Summer 2010**

COURSE OUTLINE

Course Description:

This course presents experimental methodologies used in psychology including how data is collected, organized, and interpreted in psychological research. Topics covered: psychobiology, sensation, perception, cognition, learning theory, memory, assessment, and experimental design. Topics will be discussed and demonstrated in lecture and laboratory activities.

Prerequisites: Academic Math 10 or assessment & English 12 or assessment. Math 11 is highly recommended.

*Ω Please note: this outline will be electronically stored for five (5) years only.
It is strongly recommended students keep this outline for your records.*

1. Instructor Information

(a)	Instructor:	Jody L. Bain, Ph.D.		
(b)	Office Hours:	As arranged with the instructor		
(c)	Location:	Fisher Building Room 346C		
(d)	Phone:	250.370.3513	Alternative Phone:	250.472.4491
(e)	Email:	jl bain@uvic.ca (for assured and quick response)		
(f)	Website:	http://sites.google.com/site/bainpsyc and D2L (<i>see directions below</i>)		
(g)	Laboratory Assistant	Kristina Andrew Office: Fisher 312 250.370.3195 andrew@camosun.bc.ca		

2. Intended Learning Outcomes

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

1. Describe the components and rationale for the experimental methodologies used to acquire psychological knowledge.
2. Describe the difficulties inherent in psychological research and conduct thoughtful critiques of select studies.
3. Design and conduct studies of psychological topics and present the outcomes in a clear, logical fashion.
4. Apply psychological concepts to the study of neuroscience, sensation, perception, learning, memory, intelligence, and language.

There are two lectures and two labs each week. The outcomes will be measured by a combination of a quiz, tests, online discussions and lab assignments.

3. Required Materials

Texts	Gerrig, R. J., Zimbardo, P. G., Desmarais, S., & Ivanco, T. (2009). <i>Psychology and life</i> (Canadian ed.). Toronto, ON: Pearson Education.
Other	This course is supported by D2L. See directions below for accessing D2L.

D2L

To access the course website on D2L:

- 1) Open browser (i.e., Internet Explorer)
- 2) Type in: <http://online.camosun.ca/>
- 3) Next, enter your username. Your username is your first name, a period, your last name and day of birth. For example mick.jagger22 who was born on June 22nd.
- 4) Then enter your password which will be your date of birth in *mmddyy* format. For example, 062274 for June 22nd, 1974.
- 5) Once into D2L you will be required to change your password.

4. Course Content and Schedule

- (a) 2-hour lecture scheduled on Mondays and Wednesdays from 5:30 - 7:20 in WT103.
- (b) 1.5-hour lab scheduled on Mondays and Wednesdays from 7:30 - 8:50 in WT103.

See page five for course content.

5. Basis of Student Assessment (Weighting)

(A). Examinations:

There will be **ONE** quiz and **THREE** short answer examinations covering information presented in the text and in class as well as lab activities

- Quiz 1 (5%): July 12, 2010
- Exam 1 (20%): July 21, 2010
- Exam 2 (20%): August 9, 2010
- Exam 3 (15%): August 18, 2010

TOTAL VALUE: 60%

(B). On-line moderated class discussion:

Students will respond to questions and discussion topics posed by the instructor. These will be made available through an on-line forum. Students will be required to respond to 5 different topics of the 8 to 10 offered (2% each).

TOTAL VALUE: 10%

(C). Labs:

The specific lab schedule will be distributed during the first class on July 5th, 2010 with the first lab being held that date. These labs will focus on topics of interest relevant to the lecture topics including sensation and perception, consciousness and sleep, learning and memory, intelligence and problem-solving, as well as applicable research methods used in psychology.

TOTAL VALUE: 20%

(D). Lab Research Report

There is a research report involving designing an experiment, collecting data, analyzing data, and writing the results in an APA-style research paper. Further details will be discussed during lab time. No late papers will be accepted.

TOTAL VALUE: 10%

Final Grades will be weighted as follows:

- (a) Quiz: 5%
- (b) Tests: 55%
- (c) Discussions: on-line moderated discussions 10%
- (d) Labs: 20%
- (e) Research Project 10%

Note: You are responsible for materials in lectures you do not attend. Tests and examinations will contain short-answer questions. Missed examinations with a valid reason will be made up at the earliest convenient time. If you miss an examination due to illness, accident, or family affliction, you must notify Dr. Bain immediately. Missed examinations without a valid reason will receive a score of zero.

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 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 3rd 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.

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 on the College web site in the Policy Section.

Important Notices:

The course requires an ongoing commitment to a number of assignments and projects. Please be attentive to the due dates. Late submissions, without an accompanying medical note, note of family affliction, or note from a Camosun College coach regarding an athletic event will not be accepted. All assignments are due in class on the assigned day. Similarly, exams that are missed (not due to the above mentioned reasons) cannot be made up. Therefore, missed examinations due to travel and holiday are forfeited.

COURSE OUTLINE (*SUBJECT TO CHANGE AS ANNOUNCED IN CLASS)

Class	Lecture Topic	Readings	Lab Activities	Labs DUE
#1: July 5	<ul style="list-style-type: none"> Psychology & Life Research Methods: Naturalistic Observation 	Chapter 1	<ul style="list-style-type: none"> - Introductions - Myth busters - Intro sleep log - Intro critical to thinking 	Myth busters at end of class (1%)
#2: July 7	<ul style="list-style-type: none"> Research Methods: Surveys, Correlation & Experimentation 	Chapter 2	Experimentation and Ethics of Research	
#3: July 12	<ul style="list-style-type: none"> <u>Quiz #1 – 5% (Psychology introduction)</u> Describing & Analyzing Data Evolutionary Psych & Genetics 	Statistical Supplement: (pp. 46-53) Chapter 3	<ul style="list-style-type: none"> - Driving behaviour activity 	Critical Thinking (2%)
#4: July 14	<ul style="list-style-type: none"> Biological Bases of Behaviour 	Chapter 4	<ul style="list-style-type: none"> - Analyzing and discussing driving behaviour 	Topic Approval for Research Project Driving behaviour (4%)
#5: July 19	<ul style="list-style-type: none"> Biological Bases of Behaviour 	Chapter 4	Cortical Jeopardy Aka "A Thinking Man's Game"	
#6: July 21	<u>Test #1 - 20%</u> Chapters 1, 2, 3, 4 & Statistical Supplement		Cortical Jeopardy	Cortical Jeopardy (3%)
#7: July 26	<ul style="list-style-type: none"> Sensation & Perception 	Chapter 5	Correlation	
#8: July 28	<ul style="list-style-type: none"> Consciousness Learning 	Chapter 6 Chapter 7	Learning	Sleep Log (3%)
#9: Aug 2	Holiday No Classes			
#10: Aug 4	<ul style="list-style-type: none"> Learning Memory 	Chapter 7 Chapter 8	Memory Enhancement for Students	Learning Lab (3%)
#11: Aug 9	<u>Test #2 - 20%</u> Chapters 5, 6, 7 & 8			Memory Lab (2%)
#12: Aug 11	<ul style="list-style-type: none"> Cognitive Processes 	Chapter 9: (pp. 287-302)	Measuring Cognitions	
#13: Aug 16	<ul style="list-style-type: none"> Intelligence and Problem-Solving 	Chapter 10: (pp. 309-325)	Research Project	Cognitions Lab (2%)
#14: June 18	<u>Test #3 - 15%</u> Chapters 9 & 10		Research Project	Research Paper Due in class on Aug 16 - no late papers accepted (10%)