

School of Arts & Science PSYCHOLOGY DEPARTMENT PSYC 110

Experimental Psychology

Fall 2010

COURSE OUTLINE

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

1. Instructor Information

(a)	Instructor:	Grace Chan	
(b)	Office Hours:	Tue / Wed 2:30 - 4:30	
(c)	Location:	F352	
(d)	Phone:	370-3217	Alternative Phone:
(e)	Email:	chang@camosun.bc.ca	
(f)	Website:	D2L	

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:

- Describe the components and rationale for the experimental methodologies used to acquire psychological knowledge.
- 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.
- Apply psychological concepts to the study of neuroscience, sensation, perception, learning, memory, intelligence, and language.

The outcomes will be measured by a combination of examinations, assignments, presentations, group work, and discussions.

3. Required Materials

- (a) Texts see below
- (b) Other

4. Course Content and Schedule

(This section can include: class hours, lab hours, out of class requirements and/or dates for quizzes, exams, lectures, labs, seminars, practicums, etc.)

See below

5. Basis of Student Assessment (Weighting)

(This section should be directly linked to the Intended Learning Outcomes.)

- (a) Assignments
- (b) Quizzes see below
- (c) Exams
- (d) Other (e.g., Attendance, Project, Group Work)

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	Α		8
80-84	A-		7
77-79	B+		6
73-76	В		5
70-72	B-		4
65-69	C+		3
60-64	С		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	Incomplete: 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	In progress: 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	Compulsory Withdrawal: 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

<u>Psychology 110-05 - Fall 2010</u> <u>Introduction to Experimental Psychology</u>

Instructor: Grace Chan Phone: 250-370-3217
Office: F352 Office Hours: see posted times

E-mail: chang@camosun.bc.ca or by appointment

D2L mail preferred

Text

Gerrig, R.J., Zimbardo, P.G., Sesmarais, S., & Ivanco, T. (2009). *Psychology and Life* (Canadian edition). Toronto: Pearson.

Chan, G. (2009). Psychology 110 lab manual. Victoria, B.C.: Camosun College.

<u>Course Description</u> (Calendar description)

This course presents experimental methodologies used in psychology, including how data is collected, organized, and interpreted in psychological research. Topics: psychobiology, sensation, perception, cognition, learning theory, memory, assessment, and experimental design. Topics are discussed and demonstrated in lectures and labs.

Course Objectives

At the end of the course, the student shall:

- 1. apply the terminology of the topics covered in the course
- 2. demonstrate the skills involved in interrelating concepts
- 3. apply the psychological theories and concepts of the topics covered in the course
- 4. understand how psychological knowledge is acquired
- 5. design and run psychological studies
- 6. recognize and critique the difficulties inherent in psychological research
- 7. demonstrate skills in presenting data to other students

Course Organization

Lectures: one 2-hour lecture per week

Labs: one 11/2-hours lab per week - each lab will have an assignment

<u>D2L</u>: online chapter quizzes – see separate instructions on using D2L

Course Evaluation

Tests	60%								
		= 6 6	three tests – 20% each all tests are based on information from the lectures, labs, and assigned readings tests will consist of multiple choice and short answer questions tests will not be cumulative - see class schedule for dates there will be a 5% per week penalty on late tests						
Labs	25%								
Research Report	10%	= 6 = 3 3 = 1	students <u>must</u> be in attendance to participate in the lab each lab has an assignment some assignments and the research project will be completed in small groups the project will involve designing an experiment, collecting data, analyzing data, and writing an APA style research report - details will be given in lab						
		- 1							
Online Quizzes	5%	- C	 quizzes are open book 2 attempts per quiz – higher mark will count 						
Total	100%	<u>Letter Grade</u> :							
			<u></u> -						
		Grade	Percentag e	Description					
			Percentag	Description Superior levels of achievement					
		Grade	Percentag e	-					
		Grade A+	Percentag e 90-100%	-					
		Grade A+ A	Percentag e 90-100% 85-89%	-					
		Grade A+ A-	Percentag e 90-100% 85-89% 80-84%	Superior levels of achievement					
		Grade A+ A A- B+	Percentag e 90-100% 85-89% 80-84% 77-79%	Superior levels of achievement					
		A+ A- B+	Percentag e 90-100% 85-89% 80-84% 77-79% 73-76%	Superior levels of achievement					
		A+ A- B+ B B-	Percentag e 90-100% 85-89% 80-84% 77-79% 73-76% 70-72%	Superior levels of achievement High levels of achievement Satisfactory level of achievement Sufficient level of achievement to proceed with next level of study					
		Grade A+ A A- B+ B C+	Percentag e 90-100% 85-89% 80-84% 77-79% 73-76% 70-72% 65-69%	Superior levels of achievement High levels of achievement Satisfactory level of achievement Sufficient level of achievement to proceed with next level of study Minimum level of achievement of which credit is					
		Grade A+ A A- B+ B C+ C	Percentag e 90-100% 85-89% 80-84% 77-79% 73-76% 70-72% 65-69% 60-64%	Superior levels of achievement High levels of achievement Satisfactory level of achievement Sufficient level of achievement to proceed with next level of study					

Guidelines of Student Conduct:

- 1. All students are expected to follow the College's Student Conduct Policy see below.
- 2. It is essential for students to attend all classes. You <u>must</u> be in attendance to participate in the in-class activities. There will be <u>no</u> make-up opportunities for in-class activities missed without a doctor's note.
- 3. Lab attendance is mandatory. Lab activities are often done in small groups, and difficult to make up. There will be <u>no</u> make-up opportunities for lab activities missed without a doctor's note and prior arrangement with the instructor.
- 4. Tests must me written as scheduled. Make-up tests will only be allowed with proper documentation. You must contact the instructor prior to the test, and provide documentation within 7 days of the missed test date to be eligible for the make-up test.
- 5. Work must be used for this course only. Assignments that are copied (identical or plagiarized) between students will be given 0% for all students with identical work.
- 6. Fabrication of research data is an offence.
- 7. Students are responsible for reading the assigned materials prior to lectures.
- 8. Late work will only be accepted in extreme cases. The instructor reserves the right not to give make-up tests and to refuse or penalize late assignments. Please schedule your time to meet all due dates.

ACADEMIC CONDUCT POLICY

There is an Academic 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, Registration, and on the College web site in the Policy Section.

www.camosun.bc.ca/divisions/pres/policy/2-education/2-5.html

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, Registrar's Office or the College web site at http://www.camosun.bc.ca

Psychology 110-05 – Fall 2010 Class Schedule

Week	Date Lecture (Tue)	Topics	Readings	Tests	Due Labs (Tu/Wed)	Online Quizzes
1	Sept 7	Introducing Psychology	Chapter 1		Lab #1	
2	14	Research Methods	Chapter 2		Lab #2	
3	21	Statistics Evolutionary Psych & Genetics	pp. 46-53 Chapter 3		Lab #3	
4	28	Intelligence	Chapter 10		Lab #4	
5	Oct 5	Test #1 Brain & Behavior	Chapter 4	Test #1 Ch 1, 2, 3, 10	Lab #5	Ch 1, 2, 3, 10 (11pm)
6	12	Brain & Behavior	Chapter 4		Lab #6	
7	19	Mind-Altering Drugs Sensation & Perception	Ch 6 - pp. 185-190 Chapter 5		Lab #7	
8	26	Sensation & Perception	Chapter 5		Lab #8	
9	Nov 2	Sleep & Dreams	Chapter 6 – pp.173-181		Lab #9	
10	9	Test #2 Learning	Chapter 7	Test #2 Ch 4,5,6	Open Lab Data- collection	Ch 4, 5, 6 (11pm)
11	16	Learning	Chapter 7		Lab #10	
12	23	Memory	Chapter 8		Lab #11	
13	30	Memory Cognition	Chapter 8 Chapter 9 – pp.287-303		Lab #12 *Presentatio n *Research	
14	Dec 7	Test #3		Test #3 Ch 7,8,9	No Lab	Ch 7, 8, 9 (11pm)

Changes will be discussed in class.