

# School of Arts & Science PSYCHOLOGY DEPARTMENT PSYC 110-B06

# **Experimental Psychology**

Fall 2012

# **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:	Grace Chan			
(b)	Office Hours:	Mon12:30-2:20, We	Mon12:30-2:20, Wed 1:30-3:20 or by appointment		
(c)	Location:	F352	F352		
(d)	Phone:	250-370-3217	Alternative Phone:		
(e)	Email:	chang@camosun.bo	c.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.
- 4. 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 <sup>rd</sup> 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 <a href="mailto:camosun.ca">camosun.ca</a>.

#### 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

# Psychology 110-B06 - Fall 2012 Introduction to Experimental Psychology Online

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

E-mail: <a href="mailto:chang@camosun.bc.ca">chang@camosun.bc.ca</a> or by appointment

D2L email preferred

#### Text

Gerrig, R.J., Zimbardo, P.G., Sesmarais, S., & Ivanco, T. (2012). *Psychology and life* (2<sup>nd</sup> Canadian edition). Toronto: Pearson.

Chan, G. (2010). Psychology 110 lab manual. Victoria, B.C.: Camosun College.

## **Course Description** (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**

The course is delivered on the Camosun Desire2Learn system. Course materials are posted online for each chapter. Reading the textbook is essential. There are online quizzes, lab assignments, and a research project. Students will need to be on campus to write 3 tests during the semester. Details will be given at the orientation session in the first week of classes.

# Course Evaluation

Tests	60%	<ul> <li>three tests – 20% each</li> <li>all tests are based on information from text readings and labs</li> <li>tests will consist of multiple choice and short answer questions</li> <li>tests will not be cumulative - see class schedule for dates</li> <li>there will be a 5% per week penalty on late tests</li> </ul>
Labs Research Report	25% 10%	<ul> <li>ten labs – see class schedule for due dates</li> <li>the project will involve designing an experiment, collecting data, analyzing data, and writing an APA style research report</li> <li>instructions/guidelines posted on D2L</li> <li>there will be a 5% per week penalty on late labs</li> </ul>

Online	5%	
Quizzes		<ul> <li>1 quiz per chapter/topic</li> </ul>
		<ul><li>quizzes are open book</li></ul>
		<ul> <li>2 attempts per quiz – higher mark counts</li> </ul>
		<ul> <li>see class schedule for quizzes due dates – no late quiz</li> </ul>
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# **Psychology 110-B06 – Fall 2012**

# Class Schedule

Week	Date	Topics	Readings	Due Sunday 11:59pm	
				Labs	Quizzes
1	Sept 4-9	Introducing Psychology	Chapter 1	Naturalistic Observation	
2	Sept 10-16	Research Methods	Chapter 2	Questionnaire	
3	Sept 17-23	Statistics Evolutionary Psych & Genetics	pp. 42-49 Chapter 3	Descriptive Statistics	
4	Sept 24-30	Intelligence	Chapter 10	<sup>L4</sup> Correlation	
5	Oct 1-7	Test #1 - Ch 1,2,3,10 Oct 2 (Tuesday)		Experiment Data	Ch 1, 2, 3, 10
6	Oct 8-14	Brain & Behavior	Chapter 4 Chapter 6 –	Inferential Statistics	
7	Oct 15-21	_ Mind-Altering Drugs	pp.175-179	Brain Cases	
8	Oct 22-28	Sensation & Perception  Sleep & Dreams	Chapter 5 Chapter 6 –	L7 Blind	
9	Oct 29 – Nov 4	·	pp.164-171	L8 Project Proposal	
10	Nov 5-11	Test #2 – Ch 4,5,6 Nov 6 (Tuesday)		Project data collection	Ch 4, 5, 6
11	Nov 12-18	Learning	Chapter 7	Psychlnfo & APA referencing	
12	Nov 19-25	Memory	Chapter 8	Project Data Analysis	
13	Nov 26 – Dec 2	Cognition	Chapter 9 – pp.270-286	Powerpoint Presentation	

		Test #3 – Ch 7,8,9		Ch 7, 8, 9
14	Dec 3-9	Dec 4 (Tuesday)	Research	
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