



School of Arts & Science
PSYCHOLOGY DEPARTMENT

PSYC 110-01
Experimental Psychology
Spring 2009

COURSE OUTLINE

INTRODUCTION TO EXPERIMENTAL PSYCHOLOGY

(Calendar 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

1. Instructor Information

(a)	Instructor:	Dr. Judy Caldwell		
(b)	Office Hours:	TBA		
(c)	Location:	F336		
(d)	Phone:	370 3198	Alternative Phone:	
(e)	Email:	Caldwell@camosun.bc.ca		
(f)	Website:			

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.

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

3. Required Materials

1. Text: Gerrig, R. J., Zimbardo, P. G., Desmarais, S., & Ivanco, T. (2009). *Psychology and life* (1st Canadian ed.). Toronto: Pearson Education Canada.
2. Lab Manual (available in the bookstore).

4. Course Content and Schedule

1. There are two two-hour lecture each week.
2. There are two 1.5 hour lab per week. (Your student class schedule informs you of your assigned lab section.)

5. Basis of Student Assessment (Weighting)

Lab Assignments/Final Lab Report: (30% of course grade)

There is a written assignment for each lab. You must be in attendance to participate in the lab. Lab make-ups will only be allowed with a doctor's note justifying the absence. The assignments are due at the end of week following the lab and are to be submitted by 4:00 on Friday.

There is short research report required in this course that is worked on during lab time. This report will involve designing an experiment, collecting data, analyzing data, and writing the results in an APA style research paper. Details will be discussed in Lab.

Policy for arriving late for labs. Because labs involve group activities, tardiness will not be tolerated. If a student is up to 10 minutes late for a lab, 1 point will be deducted from the lab assignment for that week. If a student is between 10 and 20 minutes late for a lab, two points will be deducted. More than 20 minutes late for a lab will result in 3 points being deducted from the lab assignment for that week. These points will not be deducted under extreme cases and with proper documentation.

Tests: (66% of course grade)

There are three tests in this course. The first test (22%) will cover Chapters 1, 2, 3, and the statistical supplement. The second test (22%) will cover Chapters 4, 5, 6 (pages 173 – 180) and 7. The last test (22%) will cover Chapters 8, 9 and 10. All tests are based on information from the lectures, lab activities, and assigned readings. These tests will consist of multiple choice and short answer questions.

MAKE-UP TESTS WILL ONLY BE ALLOWED WITH PROPER DOCUMENTATION. YOU MUST CONTACT THE INSTRUCTOR, AND PROVIDE DOCUMENTATION, WITHIN 7 DAYS OF THE MISSED TEST DATE TO BE ELIGIBLE FOR THE MAKE-UP TEST.

Lecture Activities: (4% of course grade)

There will be random, brief, in-class activities. You must be in attendance to participate in the activity. **There will be no make-up opportunities for lecture activities missed without a doctor's note.**

LATE WORK WILL ONLY BE ACCEPTED IN EXTREME CASES. PLEASE SCHEDULE YOUR TIME TO MEET ALL DUE DATES.

6. Grading System

(No changes are to be made to this section, unless the Approved Course Description has been forwarded through EDCO 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

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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.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED

PSYCH 110 01 A & B SPRING 2009 TIMETABLE

LECTURE	Lecture Topic	Readings	Lab Activities	Labs DUE
#1: May 5	<ul style="list-style-type: none"> Psychology & Life Research Methods: Naturalistic Observation 	Chapter 1	Naturalistic Observation	/10 Naturalistic Observation Assignment
#2: May 7	<ul style="list-style-type: none"> Research Methods: Surveys, Correlation & Experimentation 	Chapter 2	Correlation 1: Introduction (collect data over the week)	/10 Correlation Assignment
#3: May 12	<ul style="list-style-type: none"> Describing and Analyzing Data 	Statistical Supplement.	Correlation 2: Analysis and Write-Up  Descriptive Statistics homework assigned	Correlation data due in lab /10 Correlation analysis
#4: May 14	<ul style="list-style-type: none"> Evolutionary Psych & Genetics 	Chapter 3	Inferential Statistics	/10 Descriptive stats /10 Inferential stats
#5: May 19	<p>Test #1 22% Chapter 1, 2, 3, & Statistical Supplement</p> <ul style="list-style-type: none"> Intro to Brain 	Chapter 4 (pp. 84-97)	NO LABS DUE ☺	 Brain Game sheet assigned (pp. 66 & 67 in lecture workbook)
#6: May 21	<ul style="list-style-type: none"> Brain & Behaviour 	Chapter 4 (pp. 97-111)	Brain Videos \$1,000,000 Brain Jeopardy  Scientific Article assigned	/10 Brain Game sheet
#7: May 26	<ul style="list-style-type: none"> Sensation and Perception 	Chapter 5	Blind Lab	/10 Blind Write-Up
#8: May 28	<ul style="list-style-type: none"> Attention and Consciousness 	Chapter 6 (pp. 173-180)	Conducting an Experiment: Project Introduction (collect data over two weeks)	/10 Experiment Assignment /20 Scientific Article assignment (will not be accepted late!)
#9: June 2	<ul style="list-style-type: none"> Learning 	Chapter 7	Classical and Instrumental Conditioning	/10 Learning Assignment
#10: June 4	<p>Test #2 22% Chapters 4, 5, 6 (pp. 173-180) & 7</p> <ul style="list-style-type: none"> Intro to Memory 	Chapter 8	NO LABS DUE ☺	

#11: June 9	• Memory	Chapter 8	Data Analysis Project Write-up: Title Page and Results	Data due in lab /10 Title Page and Results section
#12: June 11	• Memory	Chapter 8	Project Write-Up: Methods and Appendix	/10 Methods and Appendix
#13: June 16	• Cognition	Chapter 9	Project Write-Up: Introduction, Discussion and References	/10 Introduction
#14: June 18	• Intelligence	Chapter 10	Project write-up	/20 Final Paper
Final Exam Period	Test #3 22% Chapters 8, & 9,10			

****Note this timetable is tentative and any changes will be discussed in class.

No work will be accepted after 4pm on June 19th, 2009