



**School of Arts & Science
PSYCHOLOGY DEPARTMENT**

**PSYC 110-001
INTRODUCTION TO EXPERIMENTAL
PSYCHOLOGY
2010 Fall Semester**

COURSE OUTLINE

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:	David E. Reagan, Ed.D.		
(b)	Office Hours:	On Faculty Website and Office Door		
(c)	Location:	Ewing 240		
(d)	Phone:	250.370.3197	Alternative Phone:	
(e)	Email:	reagan@camosun.bc.ca		
(f)	Website:	http://faculty.camosun.ca/davidreagan		

2. Intended Learning Outcomes

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

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: psychobiology, sensation, perception, cognition, learning theory, memory, assessment, and experimental design. Topics are discussed and demonstrated in lectures and labs. *Highly recommend Math 10 or Math 11 as prerequisite.* (T)

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

COURSE OBJECTIVES

At the end of the 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.

Course Outcomes

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

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

1. There are two hours of lecture each week.
2. There is one, 1&1/2 hour lab per week. (Your student class schedule informs you of your assigned lab section.)

3. Required Materials

Psychology and Life, Canadian Edition, (2008/09) Gerrig, Zimbardo, Desmarais & Ivanco;
Pearson Ed Publishers

4. Course Content and Schedule

Psyc 110 – TIMETABLE

Week of: **Topic and Readings (Note: Quiz dates are tentative, actual dates to be announced one week in advance.)**

1 Sept. 8	Introduction to Psyc 110
2 Sept. 15	Chapters 1 & 2: Intro to Psyc and Psyc Research
3 Sept. 22	Chapter 3: Evolutionary Psychology (Quiz #1 – Chapters 1 & 2)
4 Sept. 29	Chapter 4: Biological Bases of Behaviour
5 Oct. 6	Chapter 4: (Continued)
6 Oct. 13	Exam #1: Chapters 1, 2, 3, & 4 (240 Points – 24% of your grade)
7 Oct. 20	Chapter 5: Sensation & Perception
8 Oct. 27	Chapter 7: Learning (Quiz #2: Chapters 5 & 7)
9 Nov. 3	Midterm: Chapters 4, 5 & 7 (450 Points – 45% of your grade)
10 Nov. 10	Chapter 8: Memory
11 Nov. 17	Finish Ch 8 / Start Chapter 9: Cognitive Processes
12 Nov. 24	Finish Ch 9 (Quiz #3 – Chapters 8 & 9)
13 Dec. 1	Finish Chapter 10: Intelligence
14 Dec. 8	Final Quiz Chapters 8, 9 & 10 (195 Points – 19.5% of your grade)

No work will be accepted after 2:00 p.m. on Friday of Week 14
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PSYCH 110 Lab Schedule

LAB ASSIGNMENTS

The following is the tentative schedule subject to change.

Session	Lab C/Labs A&B	Topic
1		Introduction to Psyc 110 Lab / Introduction to Psychological Research
2		Ethics, Experimental Design, & Human Subjects Protocol
3		Library Research & APA Style
4		Neuroscience Lab
5		Correlation
6		Interviews / Questionnaires
7		Inferential Statistics
8		Sensation and Perception Lab
9		Experimental Design Lab
10		Experimental Design Lab / Learning Lab
11		Memory Lab
12		Research Lab Reports / Presentations

No work will be accepted after 2:00pm on Friday of Week 14.

5. Basis of Student Assessment (Weighting)

The final grade will be weighted as follows:

Exam One.....	240 points
Midterm	450 points
Final Quiz	195 points
Lab Assignments	Four Graded Lab Assignments, 10 points each, total of 40 points
Final Lab Report	1 final lab report, 75 points

Total: 1,000 Points

SPECIAL NOTE: All assignments, quizzes, tests, and activities must include your FIRST AND LAST NAME AND YOUR LAB SECTION. EXAMPLE: David Reagan, Psych 110, Lab B. Papers without both first and last names and lab section WILL NOT BE GRADED and will be placed in the paper return box which will be located in the lab during each lab session.

TESTS:

1. There will be three quizzes. Quizzes will be announced at least one class session in advance of the quiz.
2. There will be an Exam One, a Midterm Exam and a Final Quiz. Details will be announced in class.
2. Multiple choice quizzes and exams expect you to apply the terms & concepts of the course, not just recognize definitions. **There will be no make-up opportunities for missed quizzes or exams without a note from a doctor.**

PARTICIPATION

1. I believe participation and attendance is very important.
2. If you must miss class, you must call me at 370-3197. If I am not available please leave a message on my voice mail.

LAB ASSIGNMENTS

1. There are assignments for many of the labs.
2. Lab assignments are due at the beginning of the following week's lab (i.e., one week later).

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

6. Grading System

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GRADES

FINAL GRADES

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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	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 on the College web site in the Policy Section.

No work will be accepted after 4:00 pm on Friday of Week 14.