School of Arts & Science Psychology

Psyc 110: Introduction to Experimental Psychology Fall, 2004

COURSE OUTLINE

Instructor Information

Instructor: Katrina Gantly Office hours:Tues, Thurs, 12- 2 PM Friday, 10:30 - 12:20 PM Office: Fisher 106E Office Phone:(250) 370-3374 Email: gantly@camosun.bc.ca Website: http://www.members.shaw.ca/psyc110kg/

Course Description and Intended Learning Outcomes

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 will be discussed and demonstrated in lecture and laboratory activities. Math 10 is highly recommended and Math 11 is recommended.(T) Prerequisites: English 12 or assessment.

Upon completion of this course, the student should demonstrate knowledge of basic research methodology and statistics and be able to apply statistics to his/her own research project. In addition, the student should demonstrate knowledge of core concepts in the course (listed above) and be able to demonstrate this knowledge through application (labs) and by objective evaluation (tests.)

Required Materials

Texts: Wade, C., Tavris, C., Saucier, D., Elias, L. (2003). Psychology. Toronto: Pearson

Optional Materials: Web-notes from my website (listed above). They will be available in MS Word format prior to each lecture for students who are interested in printing out overhead material prior to class

Course Content and Schedule

Course Meeting Times:	Fridays, 8:30 - 10:20 AM	Lecture
	Wednesdays, 10:30 - 11:50 AM	Lab A
	Thursdays, 8:30 - 9:50 AM	Lab B
	Thursdays, 4:30 - 5:50 PM	Lab C
	Thursdays, 10:30 - 11:50 AM	Lab D
Duration of Course:	09-07-04 - 12-11-04	
Course Room:	Lectures - Fisher 100	
	Labs - 310	

Evaluation Methods:

1. Quizzes: There will be ten tests in total, each covering approximately 1-2 chapters each. The top eight marks from these tests will count for 7% each for a total of 56%

from tests. Format will vary, but most will be a combination of multiple choice and shor answer. Focus topics will outline, in advance, the exact format for each test. The tests will be given during the first 30 minutes of lab, so please be sure that you arrive on time so that you have the full 30 minutes to complete the test.

- 2. Labs: There will be twelve labs in total. Each week you will have the opportunity to apply some of the core concepts covered in lecture. These will take on a variety of formats, but will require an application of the concepts and a brief write-up regarding your findings, or answering questions regarding the applied task. The due dates for these assignments will be posted on the upper left-hand corner of your lab sheet, and will generally be due at the beginning of the following week's lab. In order to make sure that you get proper credit for your work, please make sure that you have included your full name, student number and lab section clearly on each assignment. If you miss a lab due to illness, please contact me and we can discuss alternate arrangements for that week. The top ten marks from these labs will count for 3% each for a total of 30% from labs.
- 3. Individual/Group Project: Your choice...you can work independently or in groups up to four people. During lab-time, you will be choosing an independent research topic and conducting your own experiment. This will be written up in APA style and will be described in greater detail as the course progresses. This research project will be worth 14% of your grade.

Summary of Evaluation:

Tests:	Best 8 out of 10 X 7% each =	56% of total grade
Labs:	Best 10 out of 12 X 3% each =	30% of total grade
Project:		14% of total grade

Tentative Schedule of Lectures (lab applications and tests will occur in following weeks' labs. A full schedule of tests and labs, as well as a full description of the research project will be handed out next lab)

Chapter 1 What is psychology? Chapter 2 How psychologists do research		Chapter 6 Sensation and
research		Perception
Fri., Sept. 17	Week Nine	<u>Fri, Nov. 05</u>
Chapter 2 How psychologists do		Chapter 7 Learning and
research		Conditioning
Fri., Sept. 24	Week Ten	Fri, Nov.12
Chapter 3 Evolution, Genes and		Chapter 7 Learning and
3ehaviour		Conditioning
Fri., Oct. 01	Week Eleven	<u>Fri., Nov. 19</u>
Chapter 4 Neurons, Hormones and		Chapter 9 Thinking and
the Brain		Intelligence
Fri., Oct. <u>08</u>	Week Twelve	<u>Fri., Nov. 26</u>
Chapter 4 Neurons, Hormones and		Chapter 9 Thinking and
the Brain		Intelligence
		Chapter 10 Memory
Fri., Oct. 15	Week Thirteen	<u>Fri, Dec. 03</u>
Chapter 5 Body Rhythms and		Chapter 10 Memory
Nental States		
Fri., Oct. 22	Week Fourteen	Fri. Dec. 10
Chapter 6 Sensation and		Poster Session for Everyone!
Perception		
	Chapter 2 How psychologists do esearch <u>Fri., Sept. 24</u> Chapter 3 Evolution, Genes and Behaviour <u>Fri., Oct. 01</u> Chapter 4 Neurons, Hormones and he Brain <u>Fri., Oct. 08</u> Chapter 4 Neurons, Hormones and he Brain <u>Fri., Oct. 15</u> Chapter 5 Body Rhythms and <u>Aental States</u> <u>Fri., Oct. 22</u> Chapter 6 Sensation and	Chapter 2 How psychologists do esearch Fri., Sept. 24 Chapter 3 Evolution, Genes and Behaviour Fri., Oct. 01 Chapter 4 Neurons, Hormones and he Brain Fri., Oct. 08 Chapter 4 Neurons, Hormones and he Brain Fri., Oct. 15 Chapter 5 Body Rhythms and Aental States Fri., Oct. 22 Week Fourteen

Grading System

The following percentage conversion to letter grade will be used:

A+ = 95 - 100% A = 90 - 94%	B = 75 - 79% B- = 70 - 74%	D = 50 - 59% F = 0.0 - 49%
$A^{-} = 85 - 89\%$ $B^{+} = 80 - 84\%$	C + = 65 - 69% C = 60 - 64%	
D + = 00 - 04%	C = 60 - 64%	

Recommended Materials or Services to Assist Students to Succeed Throughout the Course

***Please feel free to email me or come to office hours if you need any extra help.

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

ACADEMIC CONDUCT POLICY

There is an Academic Conduct Policy. 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

Welcome to Psychology 110...I'm looking forward to a great term with you!