

**School of Arts & Science
Psychology**

**Psyc 110: Introduction to Experimental Psychology
Winter, 2005**

COURSE OUTLINE

Instructor Information

Instructor: Katrina Gantly **Email:** gantly@camosun.bc.ca
Office hours: M,W 10:30AM-12:30PM **Website:** TBA
Office: Fisher 106E
Office Phone:(250) 370-3374

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 PDF format prior to each lecture for students who are interested in printing out overhead material prior to class. In the event that I am unable to post the notes on the web at least 24 hours prior to lecture, I will bring harcopies of the notes to class. It is important to note that the web-notes represent only about 1/2 of what is covered in lecture. Therefore, if you should happen to miss class due to illness, etc. you should try to get the lecture notes from a friend.

Course Content and Schedule

Course Meeting Times:	Tuesdays 10:30 - 12:20	Lecture
	Tuesdays, 12:30 - 1:50 PM	Lab A
	Tuesdays, 2:00 - 3:20 PM	Lab B
	Fridays,	Lab C
	Fridays,	Lab D
	Course Room:	Lectures - Fisher 100
	Labs - 310	

Evaluation Methods:

- 1. Tests:** There will be five tests in total, each covering approximately 2-3 chapters each. The top 4 marks from these tests will count for 15% each for a total of 60% from tests. Format will include 1/3 points from multiple choice, true/false, matching, etc.; 1/3 points from short answer (1-3 sentence answers) and 1/3 points from paragraph answers (5-8 sentences each). Focus topics will outline, in advance, the exact format for each test. The tests are not cumulative and will be given during lecture. Please make sure that you arrive on time, so that you have the full time allotted to write each test. If you miss a test due to illness and have a doctor's note, you may write a make-up exam. If you miss a test with no explanation, it will count as your dropped 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 10% of your grade.

Summary of Evaluation:

Tests:	Best 4 out of 5 X 15% each =	60% of total grade
Labs:	Best 10 out of 12 X 3% each =	30% of total grade
Project:		10% of total grade

Grading System

The following percentage conversion to letter grade will be used:

A+ = 95 - 100%	B = 75 - 79%	D = 50 - 59%
A = 90 - 94%	B- = 70 - 74%	F = 0.0 - 49%
A- = 85 - 89%	C+ = 65 - 69%	
B+ = 80 - 84%	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

Tentative Schedule of Lectures and Tests

Week One	Introduction Chapter 1 : Critical Thinking Chapter 2 How psychologists do research	Week Eight	Chapter 6 Sensation and Perception cont'd Focus topics will be handed out
Week Two	Chapter 2 How psychologists do research Focus topics will be handed out	Week Nine	<u>Test Three: Covering Chapters 5 and 6 in text, web-notes and lecture</u> Chapter 7 Learning and Conditioning
Week Three	<u>Test One: Covering Chapters 1 and 2 in text, web-notes and lecture.</u> Chapter 3 Evolution, Genes and Behaviour	Week Ten	Chapter 7 Learning and Conditioning cont'd
Week Four	Chapter 3 Evolution, Genes and Behaviour cont'd Chapter 4 Neurons, Hormones and the Brain	Week Eleven	Chapter 9 Thinking and Intelligence Focus Topics handed out
Week Five	Chapter 4 Neurons, Hormones and the Brain Focus topics will be handed out	Week Twelve	<u>Test Four: Covering Chapter 7 and 9 in text, web-notes and lecture</u> Chapter 10 Memory
Week Six	<u>Test Two: Covering Chapters 3 and 4 in text, web-notes and lecture</u> Chapter 5 Body Rhythms and Mental States	Week Thirteen	Chapter 10 Memory cont'd Focus Topics handed out
Week Seven	Chapter 5 Body Rhythms and Mental States cont'd Chapter 6 Sensation and Perception	Week Fourteen	<u>Test Five: Covering Chapter 10 in text, web-notes and lecture</u>

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