

School of Arts and Science
PSYCHOLOGY DEPARTMENT
Camosun College

PSYCHOLOGY 245
Drugs and Behaviour

Winter 2012

Instructor Information:

Name: Vinay Bharadia
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Intended Learning Objectives:

1. The historical uses of psychoactive drugs worldwide and the history of drug laws from an international perspective.
2. Various models of the cause of drug use and addiction with particular reference to the Reward System model of drug addiction.
3. The basic principles of pharmacology and neuropharmacology with regard to psychoactive substances.
4. The basic biochemical processes in the effects of psychoactive chemicals on the neuron and CNS systems.
5. The basic mechanisms of neuronal functioning that are affected by the introduction of psychoactive substances into the CNS.
6. Psychological effects of various drugs.
7. The basic principles of ethnopharmacology.
8. The mode of action, etiological models, side effects and patterns of use with regard to the major drugs used to treat mood disorders, anxiety disorders, schizophrenia and selected other mental disorders.
9. The basic mechanisms of action, short and long term effects of alcohol, caffeine, marijuana, hallucinatory drugs, nicotine, and other selected drugs.
10. Overview of psychological treatments for drug addiction.

Preliminary Schedule:

Date	Topic	Reading	Details
January 9, 2012	Introductions / D2L / Course Outline etc. Basic Concepts	Read Ch 1 and 2 before Jan 16	
January 11	Lab/ Seminar		
January 16	Basic pharmacology and research methods	Ch 3 & 4 before next lecture	
January 18	Lab/Seminar		
January 23	Tolerance, Withdrawal & Neurophysiology	Ch 5 before next lecture	
January 25	Lab/Seminar		Group discussion Ch 5 – what is addiction?
January 30	Addiction		
February 1	Lab / Seminar: EXAM 1 REVIEW		Q and A for Exam 1
February 6	EXAM 1	Ch 6 before next lecture	EXAM CH 1-5
February 8	Lab/Seminar		
February 13	Alcohol	Ch 7 before next lecture	
February 15	Lab/Seminar		Treatment models for alcohol addiction
Feb 16 and 17	READING BREAK		
February 20	Tranquilizers and Sedative Hypnotics	Ch 8 before next lecture	
February 22	Lab / Seminar		
February 27	Solvents / Anaesthetics / Inhaled Substances	Ch 9, 10, 11 before next lecture	
February 29	Lab/Seminar: Exam Review		Exam Review
March 5	Exam 2		Exam CH 6, 7, 8
March 7	Lab/Seminar		
March 12	Nicotine / Caffeine / Stimulants	Ch 12 before next lecture	
March 14	Lab / Seminar		
March 19	Opiates and Opiates	Ch 13, 14 before next lecture	
March 21	Lab / Seminar		Discussion: Ruling on Safe Injection Sites
March 26	Antipsychotic Drugs / Antidepressants	Ch 15 before next lecture	
March 28	Lab / Seminar: Exam Review		Exam 3 Review
April 2	EXAM 3		CH 9, 10, 11, 12
April 4	Lab / Seminar		
April 9	Cannabis	Ch 16 before next lecture	
April 11	Lab / Seminar		
April 16	Hallucinogens		
TBA	FINAL EXAM		CH 13, 14 ,15, 16

Course Structure:

Exam 1:	25%
Exam 2:	25%
Exam 3:	25%
Final Exam:	25%

Each exam will non-cumulative.

Grading Scheme:

Percentage	Grade	Description	GPA
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 for which credit is granted. D grades cannot be used 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 by 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 enrolment 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.
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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 at www.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 website in the Policy Section.