

Syllabus

Fall 2007

Bio 3623.001

Time: 11-12:15 pm

Days: Tuesday and Thursday

Room: SB 2.03.08

Instructor: Laura R. Mery

458-5676

laura.mery@utsa.edu

Office hours: 12:30-2:00 or by appointment

Prerequisite: BIO 1113, 1123 recommended, or consent of instructor

Textbook: *Psychopharmacology, Drugs, the Brain, and Behavior* Jerrold S. Meyer and Linda F. Quenzer, Sinauer and Associates, Inc. 2005

Course outline:

Aug 23.....Chapter 1..... Principles of Pharmacology

Aug 28.....Chapter 1..... Principles of Pharmacology

Aug 30.....Chapter 2.....Structure and Function of the Nervous System

Sep 4.....Chapter 2.....Structure and Function of the Nervous System

Sep 6.....Chapter 3.....Chemical Signaling by Neurotransmitters and
Hormones

Sep 11Chapter 3.....Chemical Signaling by Neurotransmitters and
Hormones

Sep 13.....EXAM I.....Chapters 1, 2, & 3

Sep 18.....Chapter 5.....Catecholamines

Sep 20.....Chapter 5.....Catecholamines

Sep 25Chapter 6Acetylcholine and Serotonin

Sep 27Chapter 6 Acetylcholine and Serotonin

Oct 2 Chapter 7Glutamate and GABA

Oct 4 Chapter 7 Glutamate and GABA

Oct 9EXAM IIChapters 5, 6, & 7

Oct 11.....Chapter 8..... Drug abuse, Dependence and Addiction

Oct 16Chapter 8Drug abuse, Dependence and Addiction

Oct 18Chapter 9..... Alcohol

Oct 23Chapter 9 Alcohol

OCT 23 LAST DAY TO DROP AND RECEIVE AN AUTOMATIC W (sophomores
and above)

Oct 25 Chapter 10 The Opiates

Oct 30 Chapter 10 The Opiates

Nov 1 EXAM III Chapters 8, 9, & 10

Nov 6..... Chapter 12 Nicotine and Caffeine
Nov 8..... Chapter 12 Nicotine and Caffeine
Nov 13.....Chapter 13 Marijuana and the Cannabinoids
Nov 15..... Chapter 13 Marijuana and the Cannabinoids
Nov 20..... Chapter 16 Affective Disorders
Nov 22 Thanksgiving Holiday
Nov 27 Chapter 17 Anxiety Disorders
Nov 29..... Chapter 17 Anxiety Disorders

Dec 4..... **STUDENT STUDY DAY**.....

Dec 11..... FINAL EXAM Chapters 12, 13, 16, & 17
SB 2.03.08 10:30 – 1:00 pm

GRADING:

Examinations will be multiple choice and machine scored. Examinations will cover the required readings as well as supplemental material provided in the lectures. Each exam will be weighed equally. There will be four exams including the final. Class attendance is required. Webct will be used to make announcements and modifications.

GOALS:

Neuropsychopharmacology is the study of drugs that affect central nervous system function. In The course will rely heavily on the textbook to develop a working knowledge of the fundamental principles of neuropsychopharmacology. In addition selections from the recommended reading list at the end of each assigned chapter will be incorporated into the course.