

Psychopharmacology (PSYC 5354.001/PSYC 6354.001)

Spring 2024

Online, Asynchronous

Instructor:	Michael D. Barnett, Ph.D.	Email:	MBarnett@uttyler.edu
Office:	HPR 235B	Office Hours:	Virtual, Mondays 9:00-12:00
TA:	Erin Hulsman, B.A.	Email:	ebell4@patriots.uttyler.edu
TA:	Matthew Fontanese, B.S.	Email:	mfontanese@patriots.uttyler.edu

COURSE OVERVIEW

A survey of physiological and behavioral effects of the major classes of psychoactive drugs, specifically, therapeutic agents and drugs of abuse with respect to their mechanisms of action and side effects.

TEXTBOOK AND MATERIALS

Required:

Meyer, J. S. (2019). *Psychopharmacology: Drugs the brain and behavior* (4th). Sinauer Associates.

There will also be assigned PDF readings uploaded into Canvas so check the course schedule.

A student at UT Tyler is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

COURSE REQUIREMENTS: PSYC 5354

Assignments	Points	Final Grade
Quizzes (13 total)	130	A = 117–130 B = 104-116 C = 91–103 D = 78–90 F = 77 and below

COURSE REQUIREMENTS: PSYC 6354

Assignments	Points	Final Grade
Quizzes (13 total)	130	A = 207-230 B = 184-206 C = 161-183 D = 138-160 F = 137 and below
Presentation	100	

Quizzes: Quizzes will primarily cover material from lectures and readings. Quizzes are worth 10 points each.

Presentation (PSYC 6354 only): Students will obtain instructor approval for a topic related to material covered in class. Students may utilize PowerPoint, Prezi, or another type of appropriate presentation format for this assignment. Then, students will create a video recording of their presentations and upload it to Canvas.

Late Policy: Assignments receive -2 points for every 24 hours late.

COURSE GUIDELINES

Academic Misconduct: Academic misconduct (e.g., cheating, plagiarism) will not be tolerated. All work on course tasks is to be done individually.

Disability Accommodations: If there is anything I can do to make the course more accessible, please let me know.

COURSE SCHEDULE

Date	Module	Topics	Due
01/15	1	SYLLABUS WEEK	
01/22	2	Chapter 1 – Principles of Pharmacology	● Chapter 1 Quiz opens 01/22 at 9:05 a.m.
01/29	3	Chapter 2 – Structure and Function of the Nervous System	● Chapter 1 Quiz due 01/28 at 11:59 p.m. ● Chapter 2 Quiz opens 01/29 at 9:05 a.m.
02/05	4	Chapter 3 – Chemical Signaling by Neurotransmitters and Hormones	● Chapter 2 Quiz due 02/04 at 11:59 p.m. ● Chapter 3 Quiz opens 02/05 at 9:05 a.m.
02/12	5	Chapter 5 – Catecholamines	● Chapter 3 Quiz due 02/11 at 11:59 p.m. ● Chapter 5 Quiz opens 02/12 at 9:05 a.m.
02/19	6	Chapter 6 – Serotonin	● Chapter 5 Quiz due 02/18 at 11:59 p.m. ● Chapter 6 Quiz opens 02/19 at 9:05 a.m.
02/26	7	Chapter 7 – Acetylcholine	● Chapter 6 Quiz due 02/25 at 11:59 p.m. ● Chapter 7 Quiz opens 02/26 at 9:05 a.m.
03/04	8	Chapter 8 – Glutamate and GABA	● Chapter 7 Quiz due 03/03 at 11:59 p.m. ● Chapter 8 Quiz opens 03/04 at 9:05 a.m. ● Chapter 8 Quiz due 03/10 at 11:59 p.m.
03/11	9	SPRING BREAK	
03/18	10	Chapter 9 – Drug Misuse and Addiction	● Chapter 9 Quiz opens 03/18 at 9:05 a.m.
03/25	11	Chapter 10 – Alcohol	● Chapter 9 Quiz due 03/24 at 11:59 p.m. ● Chapter 10 Quiz opens 03/25 at 9:05 a.m.
04/01	12	Chapter 11 – Opioids	● Chapter 10 Quiz due 3/31 at 11:59 p.m. ● Chapter 11 Quiz opens 04/01 at 9:05 a.m.
04/08	13	Chapter 13 – Nicotine and Caffeine	● Chapter 11 Quiz due 04/07 at 11:59 p.m. ● Chapter 13 Quiz opens 04/08 at 9:05 a.m.
04/15	14	Chapter 14 – Marijuana and the Cannabinoids	● Chapter 13 Quiz due 04/14 at 11:59 p.m. ● Chapter 14 Quiz opens 04/15 at 9:05 a.m.
04/22	15	Chapter 15 – Psychedelic and Hallucinogenic Drugs	● Chapter 14 Quiz due 04/21 at 11:59 p.m. ● Chapter 15 Quiz opens 04/22 at 9:05 a.m.
04/29	16	FINALS WEEK	● Chapter 15 Quiz due 04/28 at 11:59 p.m. ● PSYC 6354 Presentation due 05/02 at 11:59 p.m.