



Navajo Technical University

<http://navajotech.edu>

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Course Title: Psychopharmacology in the Treatment of Addiction and Substance Use Disorders

Course #: PSYC-245-HYB

Credit Hours: 3

Semester: Spring 2022

Cap: 15

Faculty: Dr. Dianna Dekelaita-Mullet (please call me “Dianna” or “Dr. Dianna”)
E-mail: dmullet@navajotech.edu
Office: MOD-8

Office Hours: Monday, Tuesday, Wednesday, Thursday from 11:00 a.m. – 12:00 p.m.

Class Meeting Time: Tuesday, 2:00 – 3:15 p.m. in SUB 208 (Face-to-Face, attendance required)
Thursday 2:00 – 3:15 p.m. on Blackboard (Asynchronous learning activities, participation required)

Class Location: SUB 208 Main Campus, *and* Blackboard

Preferred Communication:

Email—I will respond within 24 hours on Monday-Friday. I am unavailable weekends.

Required Materials:

Textbook, access to a computer with internet, access to Zoom, Blackboard account, and Skyhawk Student Email account

Textbook:

Ingersoll, R. E., & Rak, C. F. (2016). *Psychopharmacology for mental health professionals: An integrative approach, 2nd Ed.* ISBN: 9781285845227

Mission

Navajo Technical University honors Diné culture and language, while educating for the future.

Vision

Navajo Technical University provides an excellent educational experience in a supportive, culturally diverse environment, enabling all community members to grow intellectually, culturally and economically.

Philosophy

Through the teachings of Nitsáhákees (thinking), Nahátá (planning), Íina (implementing), and Sih Hasin (reflection), students acquire quality education in diverse fields, while preserving cultural values and gaining economic opportunities.

Course Description

PSYC-245: This course provides a foundational understanding of the biological and psychological components of substance use disorders, addiction and treatment, and application to the client with co-occurring disorders. Students gain foundational knowledge in the principles of pharmacology, anatomy, and physiology as they apply to the major classes of medications. The course also focuses on current drugs used in the treatment of addiction and substance use disorders.

Course Outcomes

- Identify examples of psychotropic medications used in the clinical treatment of commonly diagnosed psychological conditions of clients and describe impact on symptoms.
- Describe the basic structure and function of the nervous system as it pertains to psychotropic medications.
- Examine the ethical parameters of what non-medical mental health professionals can and cannot discuss with clients.
- State the role of counselors in working with psychiatric consultation to help manage symptoms.
- Discuss the current debate about the appropriateness of psychotropic medications for children.
- Analyze the relationship between the pharmaceutical companies, the FDA, managed care, and the consumer.
- Justify the counselor's role as advocate and their relation to social justice issues about who gets medicated and who has access to the more expensive medications.
- Describe the means by which drugs are taken into and distributed throughout the body, how they are metabolized, and eliminated.
- Explain the concepts of tolerance and dependence.
- Summarize principle classes of psychoactive drugs and the typical sites and mechanisms of action.
- Evaluate drug interactions and the possible impact of recreational drugs on client functioning.

Connections to Program Assessment

There are no program level assessments in this course. *SLO1: Analyze Frameworks* will be reinforced.

General Education Assessment

N/A (PSYC-245 is not a general education course).

Instructor's Expectations Regarding Academic Performance

- This course uses a participatory, learner-centered adult education approach. This approach recognizes that *you* are responsible for your learning. I can facilitate, organize, and provide opportunities to learn, but cannot force you to learn. Course material is presented in readings from the textbook, lessons, assignments, discussions, and exams. You are expected to work hard in this course: you should spend 9 hours per week preparing by reading, working on assignments and projects, and thinking about the course content.
- *You are expected to take responsibility for your success in the course*; that is, you must take an active interest not just in the course material, but in the course itself, *making it a success for all participants*. Factors such as interest, motivation, creativity, and initiative are important elements in evaluating your performance in the course and assigning a grade.
- As this is a hybrid course, you must attend the scheduled class meetings AND log in to the Blackboard course to review course materials and submit homework assignments. *Attendance will be taken for both the class meetings and weekly Blackboard activity.*

Expectations Regarding Communication with Instructor

When sending email or Blackboard message please identify the course number in the subject line. I usually respond to email and texts the same business day, but please allow 24 hours.

Grading Plan

Quizzes (6 x 50 points each)	300 points	A = 1000 – 900 points
Homework (6 x 50 points each)	300 points	B = 899 – 800 points
Midterm Exam	100 points	C = 799 – 700 points
Final Exam	100 points	D = 699 – 600 points
Participation/Attendance	200 points	F < 600 points
TOTAL POINTS	1000 points	

Course Schedule

<i>Week</i>	<i>Topic</i>	<i>Readings</i>	<i>Homework Due</i>
1	Introduction to the Course	Syllabus	Syllabus Quiz (Quiz 1)
2	Introduction to the Subject	Chapter 1	Spring Student Survey
3	The Nervous System, Neurons, and Pharmacodynamics	Chapter 2 <i>Sections 1, 2, 3</i>	Homework 1
4	The Nervous System, Neurons, and Pharmacodynamics	Chapter 2 <i>Sections 4, 5, 6</i>	Quiz 2
5	Pharmacokinetics	Chapter 3	Homework 2
6	Social and Cultural Issues	Chapter 4	Homework 3
7	Antidepressants	Chapter 5	Quiz 3
8	Midterm Week	No readings.	MIDTERM EXAM
9	Spring Break (No Classes)	No readings.	Nothing due.
10	Antianxiety Medications	Chapter 6	Homework 4
11	Antipsychotic Medications	Chapter 7	Quiz 4
12	Mood Stabilizers	Chapter 8	Homework 5
13	Medicating Children	Chapter 9	Quiz 5
14	Herbaceuticals	Chapter 10	Homework 6
15	Drug Therapy for Alcohol and Drug-Abuse Disorders	Chapter 11	Quiz 6
16	Drug-Assisted Psychotherapy	<i>Chapter 12</i>	Nothing due.
17	FINAL EXAM	--	FINAL EXAM

***** Each week's assignments are always due before Sunday at 11 p.m. *****

Important Dates

January 21: Last day to add classes or drop classes without a W

February 25: Graduation petition is due

March 31: Last day to withdraw with a W

Grading Policy

Each student must do his or her own homework and case studies. Discussion among students on homework and cases is encouraged for clarification of assignments, technical details of using software, and structuring

major steps of solutions, especially on the course's Web site. Students must do their own work on the homework and exam. Cheating and Plagiarism are strictly forbidden. Cheating includes but is not limited to: plagiarism, submission of work that is not the student's own, submission or use of falsified data, unauthorized access to exam or assignment, use of unauthorized material during an exam, supplying or communicating unauthorized information for an assignment or exam.

Study Time for Online Courses

For hybrid course of one (1) credit hour, a student is expected to spend three hours (3) per week studying the course materials. That means for this course, you are expected to spend **9 hours per week** reading, studying, working on assignments, and interacting with the course materials online.

Attendance Policy

Students are expected to regularly attend all classes for which they are registered. A percentage of the student's grade will be based on class attendance and participation. Absence from class, regardless of the reason, does not relieve the student of his/her responsibility to complete all course work by the required deadlines. Furthermore, it is the student's responsibility to obtain notes, handouts, and any other information covered when absent from class and to arrange to make up any in-class assignments or tests if permitted by the instructor. Incomplete or missing assignments will necessarily affect the student's grades. Instructors will report excessive and/or unexplained absences to the Counseling Department for investigation and potential intervention. Instructors may drop students from the class after three (3) absences unless prior arrangements are made with the instructor to make up work and the instructor deems any excuse acceptable.

Academic Integrity

Integrity (honesty) is expected of every student in all academic work. The guiding principle of academic integrity is that a student's submitted work must be the student's own. Students who engage in academic dishonesty diminish their education and bring discredit to the University community. Avoid situations likely to compromise academic integrity such as: cheating, facilitating academic dishonesty, and plagiarism; modifying academic work to obtain additional credit in the same class unless approved in advance by the instructor, failure to observe rules of academic integrity established by the instructor. *The use of another person's ideas or work claimed as your own without acknowledging the original source is known as **plagiarism** and is prohibited.*

Diné Philosophy of Education

The Diné Philosophy of Education (DPE) is incorporated into every class for students to become aware of and to understand the significance of the four Diné philosophical elements, including its affiliation with the four directions, four sacred mountains, the four set of thought processes and so forth: Nitsáhákees, Nahát'á, Íina and Sih Hasin which are essential and relevant to self-identity, respect and wisdom to achieve career goals successfully.

Students with Disabilities

The Navajo Technical University and the School of Arts and Humanities are committed to serving all enrolled students in a non-discriminatory and accommodating manner. Any student who feels he/she may need an accommodation based on the impact of disability or needs special accommodations should inform NTU in accordance with the procedures of the subsection entitled "Students with Disabilities" under Section 7: Student Support Programs, NTU Student Handbook.