

NURS 6903 - Advanced Pharmacology

Summer 2026 Syllabus, Section A01, CRN 30241,

Credit hours: 3

Instructor

Cynthia Shields

Professional Qualifications:

DNP, Nursing, Case Western University
Post master's Certificate, Acute Care NP, Kent State University
Masters, Clinical Nurse Specialist, Idaho State University
Bachelor's, Nursing, Bowling Green State University

Professor, AGAC Program Coordinator

Email: cmshields@ysu.edu

Office: Cushwa 3313

Office Phone: 330-941-1345

Preferred Contact Method: email

Communication Expectations:

To ensure timely communication and support in this online course, the instructor will respond to student inquiries within 24–48 hours of receipt, regardless of the day of the week. This includes emails and blackboard course messages. If a question requires additional time for a detailed response, the instructor will acknowledge receipt and provide an estimated timeline for a full reply. Assignments will be graded and feedback provided within 72 hours of the assignment/discussion deadline unless otherwise noted. Students will be notified by the instructor if delays occur.

How to Refer to me:

Dr. Shields



Vincent Mikula

Professional Qualifications:

Master's, Nursing, FNP, Youngstown State University
Bachelor's, Nursing, Ohio University

Lecturer, Graduate Nursing Program Director

Email: vmikula@ysu.edu

Office: Cushwa 3315

Office Phone: 330-941-2639

Preferred Contact Method: email

Communication Expectations:

To ensure timely communication and support in this online course, the instructor will respond to student inquiries within 24–48 hours of receipt, regardless of the day of the week. This includes emails and blackboard course messages. If a question requires additional time for a detailed response, the instructor will acknowledge receipt and provide an estimated timeline for a full reply. Assignments will be graded and feedback provided within 72 hours of the assignment/discussion deadline unless otherwise noted. Students will be notified by the instructor if delays occur.

How to Refer to me:

Vince



Course Description

6903. Advanced Pharmacology. Application of pharmacological concepts in clinical settings with examination of major categories of pharmacological agents. Prereq.: NURS 6902. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Lehne's pharmacotherapeutics for advanced practice nurses and physician assistants	Rosenthal, L. D., & Posenjack Bruchum, J.	978-0-323-93606-4

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
5/11	Unit 1, 2, 3	Introduction, Basic Principles of Pharmacology, Drug Therapy across the Life Span	Quiz 1, Due Sunday at Midnight
5/18	Unit 4, 5	Peripheral Nervous System Drugs, Central Nervous System Drugs	Discussion 2 (OAB & COPD), Due Wednesday at Midnight Quiz 2, Due Sunday at Midnight
5/25	Unit 6, 7, 8	Drugs for Pain, Psycho-therapeutic Drugs, Substance Abuse	Discussion 3 (Schedule 2 drugs. Please use links as your reference.) https://www.dea.gov/drug-information/drug-scheduling https://www.pharmacy.ohio.gov/oarrs/default , Due Wednesday at Midnight Quiz 3, Due Sunday at Midnight
6/1	Unit 9: (ch 37-39. 41-46)	Drugs that Affect the Heart, Blood Vessels, Blood and Blood Volume.	Discussion (Hypertension), Due Wednesday at Midnight Quiz 4, Due Sunday at Midnight
6/8	Unit 10, 14	Drugs for Diabetes & Thyroid, Respiratory Tract Drugs	Discussion (Diabetes), Due Wednesday at Midnight Quiz 5, Due Sunday at Midnight
6/15	Unit 12, 13, 15	Anti-inflammatory, Anti-allergic, and immunologic drugs, Drugs for Bone & Joint Disorders, Gastrointestinal Drugs	Discussion (PUD), Due Wednesday at Midnight Quiz 6, Due Sunday at Midnight
6/22	Unit 17	Therapy of Infectious Diseases	Quiz 7, Due Saturday at Midnight

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.