

NURS 6903 - Advanced Pharmacology

Fall 2026 Syllabus, Section A01, CRN 41939,

Credit hours: 3

Instructor

Cynthia Shields

Email: cmshields@ysu.edu

John Jerome

Email: jmjerome@ysu.edu

Public Instructor Information

Instructor Title: Cynthia Shields, DNP, APRN-CNP

Instructor Professional Qualifications:

DNP, Nursing, Case Western University. 2016

Post master's Certificate, Acute Care NP, Kent State University. 2012

Masters, Clinical Nurse Specialist, Idaho State University. 1993

Bachelor's, Nursing, Bowling Green State University. 1984

Instructor Office Location: 3303

Instructor Office Phone: 330-941-1345

Instructor Title: John Jerome, MSN, APRN-CNP

Instructor Professional Qualifications:

Family Nurse Practitioner, Youngstown State University (2019)

BSN, Nursing, Youngstown State University (2012)

Certification, Family Nurse Practitioner (2019-Present)

Office location : Cushwa Hall 2479

Office Phone: 330-941-1795

Course Description

6903. Advanced Pharmacology. Application of pharmacological concepts in clinical settings with examination of major categories of pharmacological agents. Prereq.: NURS 6902 with a grade of B or better. 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
8/24	Unit 1, 2, 3	Introduction, Basic Principles of Pharmacology, Drug Therapy across the Life Span	Quiz 1, Due Sunday at Midnight
8/31	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
9/7	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
9/14	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
9/21	Unit 10, 14	Drugs for Diabetes & Thyroid, Respiratory Tract Drugs	Discussion (Diabetes), Due Wednesday at Midnight Quiz 5, Due Sunday at Midnight
9/28	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
10/5	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.