

## **NURS 6903 - Advanced Pharmacology**

### **Summer 2026 Syllabus, Section A08, CRN 31135,**

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

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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](mailto: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<br>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.)<br><a href="https://www.dea.gov/drug-information/drug-scheduling">https://www.dea.gov/drug-information/drug-scheduling</a> <a href="https://www.pharmacy.ohio.gov/oarrs/default">https://www.pharmacy.ohio.gov/oarrs/default</a> , Due Wednesday at Midnight<br>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<br>Quiz 4, Due Sunday at Midnight                                                                                                                                                                                                                                                                              |
| 6/8     | Unit 10, 14               | Drugs for Diabetes & Thyroid, Respiratory Tract Drugs                                                             | Discussion (Diabetes), Due Wednesday at Midnight<br>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<br>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.