



**Advanced Nursing Pharmacotherapeutics
NURS 5354 All Sections
Spring 2025**

Scheduled Class Days and Times: Online

Instructor's Name: Dr. Valerie Miller, PhD, APRN, FNP-C

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Virtual Office Hours: Tuesday from 1:00-4:00PM CST by appointment for phone call or video conference. Additional days and times may be arranged upon request. Please email faculty to make arrangements/obtain Zoom link.

*Best way to contact me.

Instructor's Name: Dr. Greg Gill

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Instructor's Name: Dr. John Gonzalez

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Course Description: Knowledge and application of advanced pharmacotherapeutic principles related to the health needs of clients. Focus will be on pharmacotherapeutic modalities utilized by advanced practice nurses while considering legal, ethical, and economic factors.

Prerequisites: Admission to a NP program or Admission to NP Cert program

Corequisites: Admission to a NP program or Admission to NP Cert program

Student Learning Outcomes:

Upon successful completion of this course, the student will be able to:

1. Explore the influence of government regulation on the development of selected drugs.
2. Describe legal prescription writing techniques including the scheduling of controlled substances.
3. Analyze the pharmacological properties and general pharmacokinetic parameters of the most used drugs in advanced nursing practice.
4. Compare the differences of drugs within categories including pharmacokinetic action, indication, dosages, and side effects.
5. Evaluate indications for drug therapy for specific health problems.
6. Appraise appropriate monitoring parameters for drug effectiveness.
7. Evaluate special needs of obstetric, pediatric, adult, or gerontologic clients receiving drug therapy based on the needs of the individual.

Required Textbooks and Readings:

Rosenthal, L. & Burchum, J. (2021) *Lehne's Pharmacotherapeutics for Advanced Practice Nurses and Physician Assistants*. (2nd ed.) Elsevier ISBN: 9780323554954 (Available free through the library)

FNP Mastery Application (Instructions for this will be available the first week of class. See special course notes for information.)

APEA 3-P Exam (Instruction for this will be available the first week of class. See special course notes for information)

Recommended Textbooks and Readings:

An online or hard copy prescribing resource such as Medscape, Epocrates, Tarascon Pharmacopoeia, MPR or PDR. *Students have free access to UpToDate through the library.*

Special Course Notes:**1) Proctoring Notice:**

The content exams in this course will be proctored using ProctorU Guardian browser. You will need to have a webcam and microphone. If you are not able to provide these items, you must contact me by the second week of the course so we can arrange for you to take your exam on campus or another secure location. There is no cost to the student for utilizing Proctor U Guardian. Details on downloading the Proctor U browser and utilizing Proctor U Record+ in Canvas can be found at the following link: [Proctor U Guardian](#)

2) APEA 3P Exam:

This course requires you to use APEA products from an external website/resource to complete one standardized exam. Purchasing instructions will be listed in Canvas for the 3P Exam. APEA

will send you an email with access to this during the semester. Additional details will be posted in your Canvas course the first week of classes. Proctoring for this exam will use the Proctorio proctoring service offered through APEA exam website at no additional cost. It requires the same camera and microphone set-up as does Proctor U Guardian.

3) FNP Mastery (FNPM) Question Banks:

This course requires students to use external applications/websites for FNPM question banks. The FNP Mastery application will be the required resource. Additional details for FNPM will be posted in your Canvas course the first day of classes.

Assignments and Weights/Percentage/Point Values:

Exams/Assignments in NURS 5354	% of Grade
Exam I	12%
Exam II	12%
Exam III	12%
Exam IV	12%
Exam V	12%
APEA 3P Exam	5%
Discussion Boards (5 Discussions)	20%
Module Assignments (FNPM Quizzes, Prescribing Activities, Other Assignments)	15%
Total	100%

Grading Scale:

Specific guidelines and grading criteria for all assignments are in the Modules. Final grades for the course will be determined based upon the following point assignments:

- A - 90-100
- B - 80-89
- C - 70-79
- D - 60-69
- F - Below 60

Grades will not be rounded when calculating the average (79.5 is not rounded to 80, and 89.5 is not rounded to 90). The simple average of all unit exam grades, including a final must be at or above 80% to pass the course. Once the student has achieved a simple unit exam average of 80% or higher, course grades will be determined based on the weighted calculation of exams and other required course work. Students are required to achieve an average of 80% (B) to complete the course successfully.

Although the university policy allows 60 days for grade appeals, the School of Nursing follows a stricter timeline of 10 days to facilitate students' timely progression through the curriculum. In the case of extenuating circumstances, please consult the Associate Dean of Academic Affairs for guidance.

Academic Integrity: Cheating of any kind, as defined in Section 8 of the UT Tyler Manual of Policies and Procedures (MOPP) for Student Affairs (<https://www.uttyler.edu/mopp/>), will not be tolerated. Consequences may include:

- reprimand
- exam failure
- course failure
- expulsion from the Nursing program
- expulsion from the University
- other consequences as assigned

Exam and homework materials, questions, and problems are the intellectual property of faculty, UT Tyler, or publishers.

- These materials may not be distributed without permission.
- Distributing or uploading them to online resources destroys the integrity of the assignment and the course, allowing others an unfair advantage by letting them view the materials.
- Uploading these materials to online resources is a violation of UT Tyler's academic misconduct policies and may result in formal conduct charges.
- Sanctions for uploading or otherwise divulging the contents of these materials can include:
 - a reduced or failing grade on an assignment
 - a reduced or failing grade for the course
 - removal from the Nursing program
 - removal from UT Tyler

Late Policy: 5% will be deducted each day an assignment is past due unless prior arrangements have been made with your course faculty. Extenuating circumstances may apply.

Repeating a Course: Students repeating this course may not use previously submitted assignments nor utilize the same patients for an assignment. Submitting the same or slightly modified assignments from previous semesters is considered self-plagiarism and is subject to academic discipline, including failing the assignment or the course.

Attendance and Make-up Policy: Attendance/participation is expected. Make-up for exams, quizzes, assignments, and missed clinical time is at the instructor's discretion.

Graded Course Requirements Information:

Exams

There will be five major content exams in the course scheduled throughout the semester. Exam dates and blueprints may be found in the Canvas Course within the modules. Exams will be online and will require the student to utilize ProctorU Guardian Record+. *No books, notes or online resources are allowed to be used during exams.* Additional details regarding downloading and accessing the ProctorU browser may be found within the first week's Canvas module. There is no charge for ProctorU, however, students will be required to use the Google Chrome browser and download the Proctor U browser onto their computers. *The simple average of all unit exam grades, including a final must be at or above 80% to pass the course.* Once the student has achieved a simple unit exam average of 80% or higher, course grades will be determined based on the weighted calculation of exams and other required course work.

APEA 3P Exam

The APEA 3P examination is a competency-based exam that tests clinical knowledge in the three core courses: pathophysiology, pharmacotherapeutics, and physical assessment. This exam is used as an assessment tool to determine clinical readiness. A score of 67% or greater indicates adequate knowledge in the core courses. Exam results identify any knowledge deficits. These results assist students in creating an appropriate study plan for improving knowledge deficits. Details for purchasing the 3P Exam will be provided in Canvas. Students will be required to use Proctorio proctoring for this exam which is available through APEA when you log into the exam. The blueprint for the 3P Exam can be found at: <https://www.apea.com/3p-exam-blueprint/>

Discussion Boards

There are five scheduled discussion boards in this course. Students are expected to participate in each discussion and interact with their peers. The grading criteria, discussion topics, and grading rubric details may be found within the Canvas course.

Module Assignments

Module assignments may include (but are not limited to) FNPM quizzes, prescribing activities, short written assignments, and case studies. FNPM quizzes are online quizzes in the FNPM application purchased by the student. Additional information regarding purchasing and accessing FNPM will be given during the first week of the course.

Please Note: Detailed information along with grading rubrics for course assignments will be provided in Canvas.

Important Course Dates:

January 2, 2025 – Classes begin

January 14, 2025 – Census Date

January 20, 2025 – Martin Luther King, Jr. Holiday – all offices closed, no classes

March 11, 2025 – Last Day to withdraw from the course

March 17-21, 2025 – Spring Break, no classes

April 19, 2025 – End of Spring Session

Calendar of Topics, Readings, and Due Dates:

Week/Date	NURS 5354 Spring 2025 Module Content and Readings	Assignments
Week 1 January 2-12	Getting Started Module/Module 1 – Lehne Chapters 1-10 Introduction & Basic Principles of Pharmacology Drug Therapy Across the Lifespan	Module 1 FNPM - General
Week 2 January 13 - 19	Module 2 – Lehne Chapters 11-17 Peripheral Nervous System Drugs January 14 – Census Date	Module 2 FNPM - Neurology
Week 3 January 20 - 26	Module 3 – Lehne Chapters 70-76 Drugs for Infectious & Parasitic Diseases January 20 – MLK Jr. Holiday	Module 3 FNPM – Anti- Infective/Immunologic Prescribing Activity
Wed., Jan 22	Exam I over Modules 1-2 Accessible 5am-10am	Proctor U – Record +
Week 4 Jan 27 – Feb 2	Module 4 – Lehne Chapters 77-83 Drugs for Infectious & Parasitic Diseases (Continued)	Module 4 DB
Week 5 February 3 - 9	Module 5 – Lehne Chapters 18 -22, 25 Central Nervous System Drugs	Module 5 DB
Week 6 February 10 - 16	Module 6 – Lehne Chapters 23-24, 26-35 Pain, Psychotherapeutic Drugs, & Substance Use Disorders	Module 6 Prescribing Activity
Wed., Feb 12	Exam II over Modules 3-5 Accessible 5am-10am	Proctor U – Record +
Week 7 February 17 - 23	Module 7 – Lehne Chapters 48-49 Drugs for Endocrine Disorders	Module 7 FNPM - Endocrine Module 7 DB
Week 8 Feb 24 - March 2	Module 8 – Lehne Chapters 50-53 Women’s Health Men’s Health	Module 8 FNPM – GU/Renal/Reproductive Prescribing Activity
Week 9 March 3 - 9	Module 9 – Lehne Chapters 36-47 Drugs for the Heart, Blood Vessels, Blood, and Blood Volume	Module 9 FNPM - CV Prescribing Activity
Wed., Mar 5	Exam III over Modules 6-8 Accessible 5am-10am	Proctor U – Record +
Week 10 March 10 - 16	Module 10 - Lehne Chapters 54-61 Anti-inflammatory, Antiallergic, and Immunologic Drugs Drugs for Bone and Joint Disorders Tuesday, Nov. 5th – Last day to withdraw from a course	Module 10 FNPM - Musculoskeletal Module 10 DB
Week 11 March 17-23	Spring Break – No Classes	No Assignments
Week 12 March 24 - 30	Module 11 – Lehne Chapters 62-66 Respiratory Tract & Gastrointestinal Drugs	Module 11 FNPM - Gastroenterology/Hepatic Prescribing Activity
Wed., Mar 26	Exam IV over Modules 9 -11 Accessible 5am-10am	Proctor U – Record +
Week 13 March 31 - April 6	Module 12 – Lehne Chapters 67-69; 87-89 Nutrition and Complementary Therapy Drugs for Eyes, Ears, and Skin	Module 12 FNPM - Respiratory Module 12 DB Prescribing Activity
Week 14 April 7 - 13	Module 14 – Lehne Chapters 84-86; 90-92 Cancer Therapy & Drug Therapy in Acute Care	Module 14 FNPM – ENT/Integumentary Prescribing Activity
Wed., Apr 9	Exam V over Modules 12-13 Accessible 5am-10am	Proctor U – Record +
Finals Week! April 14 - 19	Appointments with Faculty As Needed & APEA 3P Exam	
Wed., Apr 16	APEA 3P Exam Accessible 6am- 8pm	Proctorio

School of Nursing Policies and Additional Information:

https://www.utt Tyler.edu/nursing/college/student_guide_and_policies.php

Student Resources and University Policies are provided in Canvas.

Artificial Intelligence and Academic Integrity: <https://www.utt Tyler.edu/digital-learning/ai/>