



**Advanced Nursing Pharmacotherapeutics
NURS 5354.060-61
Spring 2024**

Scheduled Class Days and Times: Online

Instructor's Name: Dr. Valerie Miller, PhD, APRN, FNP-C (Sections 060-061)

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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.

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)

APEA Q-Bank for Prescribing – 3-month (Instructions 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. You also 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 September 6, 2023 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 Q Bank and 3P Exam:

This course requires you to use APEA products from an external website/resource to complete homework or assessments (e.g., APEA Prescribing Q Bank and 3P Exam). Purchasing instructions will be listed in Canvas for both the Prescribing Q Bank and 3P Exam. APEA will send you an email with access to this course's Prescribing Q Bank on or after the second day of class. Additional details 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 (Q-Bank 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) APEA Q-Bank quizzes, prescribing activities, short written assignments, and case studies. Q-Bank quizzes are online quizzes purchased by the student through APEA. Additional information regarding purchasing and accessing the APEA Q-bank 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:

Classes Begin: January 11, 2024

Holiday: MLK Holiday, January 15, 2024

Census Date (withdraw without penalty): January 24, 2024

Spring Break: March 11-15

Last Date to Withdraw: March 23, 2024. Students please notify your course faculty and contact your advisor.

Spring classes end: April 27, 2024

Calendar of Topics, Readings, and Due Dates:

| Week/Date | NURS 5354 Spring 2024 Module Content and Readings | Assignments |
|-----------------------------|---|---|
| Week 1 Jan. 11-21 | Getting Started Module/Module 1 – Lehne Chapters 1-10 Introduction & Basic Principles of Pharmacology Drug Therapy Across the Lifespan | Module 1 Q-Bank Quiz - Principles of Pharmacology |
| Week 2 Jan. 22 - 28 | Module 2 – Lehne Chapters 11-17 Peripheral Nervous System Drugs Monday January 15th, MLK Holiday – University closed Wednesday, January 24th – Census Day | Module 2 QBQ - Hematology & Pregnancy |
| Week 3 Jan. 29 – Feb. 4 | Module 3 – Lehne Chapters 70-76 Drugs for Infectious & Parasitic Diseases | Module 3 QBQ - Urology Module 3 DB |
| Wed., Jan. 31 | Exam I over Modules 1-2 Accessible 8am-12pm | Proctor U – Auto (Record +) |
| Week 4 Feb. 5 – 11 | Module 4 – Lehne Chapters 77-83 Drugs for Infectious & Parasitic Diseases (Continued) | Module 4 QBQ - STD's Prescribing Activity |
| Week 5 Feb. 12 - 18 | Module 5 – Lehne Chapters 18 -22 Central Nervous System Drugs | Module 5 QBQ - Neurology Module 5 DB |
| Week 6 Feb. 19 - 25 | Module 6 – Lehne Chapters 23-35 Pain, Psychotherapeutic Drugs, & Substance Use Disorders | Module 6 QBQ - Psychiatry Prescribing Activity |
| Wed., Feb. 21 | Exam II over Modules 3-5 Accessible 8am-12pm | Proctor U – Auto (Record +) |
| Week 7 Feb. 26 – March 3 | Module 7 – Lehne Chapters 48-49 Drugs for Endocrine Disorders | Module 7 QBQ - Endocrine Module 7 DB |
| Week 8 March 4 -10 | Module 8 – Lehne Chapters 50-53 Women's Health Men's Health | Module 8 QBQ - Women's & Men's Health Prescribing Activity |
| Week 9 March 11 – 17 | Spring Break! | No Assignments! |
| Week 10 March 18 – 24 | Module 10 – Lehne Chapters 36-47 Drugs for the Heart, Blood Vessels, Blood, and Blood Volume Saturday, March 23 – Last day to withdraw from a course | Module 10 QBQ - CV Module 10 DB |
| Wed., March 20 | Exam III over Modules 6-8 Accessible 8am-12pm | Proctor U – Auto (Record +) |
| Week 11 March 25 – 31 | Module 11 - Lehne Chapters 54-61 Anti-inflammatory, Antiallergic, and Immunologic Drugs Drugs for Bone and Joint Disorders | Module 11 QBQ - Orthopedics & Respiratory Prescribing Activity |
| Week 12 April 1 – 7 | Module 12 – Lehne Chapters 62-66 Respiratory Tract & Gastrointestinal Drugs | Module 12 QBQ - Gastroenterology Module 12 DB |
| Wed., April 3 | Exam IV over Modules 10-11 Accessible 8am-12pm | Proctor U – Auto (Record +) |
| Week 13 April 8 – 14 | Module 13 – Lehne Chapters 67-69; 87-89 Nutrition and Complementary Therapy Drugs for Eyes, Ears, and Skin | Module 13 QBQ - ENT Prescribing Activity |
| Week 14 April 15 – 21 | Module 14 – Lehne Chapters 84-86; 90-92 Cancer Therapy & Drug Therapy in Acute Care | Module 14 QBQ - Dermatology Prescribing Activity |
| Wed., April 17 | Exam V over Modules 12-13 Accessible 8am-12pm | Proctor U – Auto (Record +) |
| Finals Week! April 22-26 | Appointments with Faculty As Needed & APEA 3P Exam | |
| Wed, April 24 | APEA 3P Exam Accessible 8am-2pm | 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/>