Pharmacological Basis for Nursing
NURS 3307
Spring 2024

Scheduled Class Days and Times: Longview Campus Tuesday 1300-1545, Palestine Campus Tuesday 1300-1545, and Tyler Campus 1200-1445

*All Unit Exams will be on Mondays

Instructor's Name: Hilary Greene, MSN, RN
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Office Hours: Tuesday 0800-0900, Wednesday 1000-1200 and available via appointment, email, conference call, and/or Zoom.
*Best way to contact me.

Instructor's Name: Leticia Gutierrez
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Office Hours: Tuesday 1100-1200 and 1500-1700 and available via appointment, email, conference call, and/or Zoom.
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Instructor's Name: Brian Opella, MSN, RN
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Office Hours: Monday 1300-1500 and available via appointment, email, conference call, and/or Zoom.
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Instructor's Name: Bethany Rudolph, MSN, RN
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Office Hours: Tuesday 1100-1200, Wednesday 0800-0900, and Thursday 0800-0900 and available via appointment, email, conference call, and/or Zoom.
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Instructor's Name: Katie Williams, MSN, RN
Office: PMH 111
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Office Hours: Tuesday 0900-1200 and available via appointment, email, conference call, and/or Zoom.
*Best way to contact me

Course Description: This course explores evidence-based pharmacotherapeutic nursing interventions to improve patient care. Emphasis is on principles of safe medication administration and patient education. Community, ethical/legal and cultural considerations are explored.

Prerequisites: Admission to the Bachelor of Science in Nursing Program and NURS 3303.

Student Learning Outcomes:

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

1. **Professionalism:** Uphold standards of practice using moral, altruistic, ethical, and humanistic principles, while maintaining legal and regulatory standards.
2. **Patient-Centered Care:** Recognize individual's preferences, values, and needs; anticipate the uniqueness of all individuals, families, and populations; and incorporate the patient/family/population in the plan and implementation of care.
3. **EBP:** Synthesize and apply evidence, along with clinical expertise and patient values, to improve patient outcomes.
4. **Informatics & Technology:** Use information and technology to communicate, manage knowledge, mitigate error, and support decision-making.
5. **Quality Improvement:** Use a systematic, data-guided approach to continuously improve outcomes and processes for the patient and healthcare systems.
6. **Teamwork and Collaboration:** Function effectively in nursing and interprofessional teams and foster communication, mutual respect, and shared decision-making to achieve quality patient care.
7. **Wellness and Prevention:** Assess health and wellness in individuals, families, groups, communities, and populations to promote health outcomes.
8. **Leadership:** Promote the practice of professional nursing through leadership and advocacy.
9. **Safety:** Implement measures to promote quality and a safe environment for patients, self, and others.

Required Textbooks and Readings:

Holman, H. C., Williams, D., Johnson, J., Sommer, S., Ball, B. S., Morris, C., Leehy, P., Hertel, R.,& Assessment Technologies Institute (Contributors). (2019). RN Pharmacology for Nursing: Review module (8th ed.). Assessment Technologies Institute. ISBN: 978-1565336032

Special Course Notes:

1) Proctoring Notice: no online proctoring will be utilized in this course.

2) This course requires you to use the ATI Testing website to complete the required ATI module assignments and ATI exams: atitesting.com

Computer Requirements: Access to a current, working computer or laptop with internet access using Firefox or Chrome browser is required for this internet-based course. The Canvas learning system works best using Firefox or Chrome browsers. It is essential to have access to a reliable PC/laptop and internet access for this course.

Internet Instructions: Course modules are online in Canvas (see course calendar). UT Tyler online canvas courses use Java, JavaScript, browser plug-ins, helper application and cookies. Canvas works best using Chrome or Firefox browser. It is essential that you have these elements installed and enabled in your web browser for optimal viewing of the content and functions of your online course content. Lecture videos are optimally viewed in high definition.

- Adobe Reader allows you to view, save, and print Portable Document Format (PDF) files. http://get.adobe.com/reader/
- Java Runtime Environment (JRE) allows you to use interactive tools on the web. http://www.java.com/en/download/
- QuickTime allows users to play back audio and video files. http://www.apple.com/quicktime/download/

Technical resources: Laptops/electronic devices are required for testing with ATI. Notebooks and tablets are not compatible for ATI Products.

Artificial Intelligence in course work: Refer to the UT Website for more details @ uttyler.edu - digital learning AI.

Assignments and Weights/Percentage/Point Values

1.	Course work	10%
2.	Unit Exams (4 at 15% each)	60%
3.	Presentation	5%
4.	ATI Practice and Proctored Tests	10%
5.	Final Exam	15%

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 - 75-79
D - 60-74
F - Below 60

The simple average of all exam grades, including a final, must first be at or above 75% in order to pass the course. Once the student has achieved a simple exam average of 75% or higher, course grades will be determined based on the weighted calculation of exams and other required course work.

Final overall course grades less than 75% are not rounded up. The combined weighted calculation of all course assignments, quizzes, exams, and clinical activities must be at least 75% in order to pass the course.

Grade Appeals: 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.

Grade Replacement: Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. Grade Replacement Contracts are available in the Enrollment Services Center or at http://www.uttyler.edu/registrar. Each semester's Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar.

Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract.

Graded Course Requirements Information:

ATI Module Assignments: Each week prior to lecture, you are required to review the applicable ATI online course module and submit a report demonstrating that you have completed the module quiz.

Pharm Phamily Project: Using Studio in Canvas, you will record a power point presentation to share with the class covering the content of one drug of your selection. You will also be responsible for reviewing and commenting on others' videos utilizing the discussion board.

Instructions for Grades on ATI Rubric Regular Courses

For students to gain progressive points on the ATI Rubric each section is added for a final grade. To obtain the points from each section all exams and remediation must be completed as instructed and must be uploaded to the respective canvas assignment tab.

Section 1: ATI Practice Assessment A & B
These two practice tests will be completed at home during a specified week designated by course faculty. During that same week you will be required to complete all remediations for the practice tests. Please see the remediation rubric and instructions in Canvas. If you fail to submit all required remediation objectives by the due date, the assignment will be considered incomplete and result in an automatic zero.

The 40-question custom quizzes must be 85% or greater, set at moderate difficulty, and may be completed in study mode, to be accepted. If the reports are not uploaded by the due date, points will not be awarded.

Each exam and remediation are worth 20 points. No partial points are awarded.

Section 2: ATI Proctored Assessment
The Proctored Assessment is a test that will be administered in a proctored exam environment (computer lab) on campus. The Level and remediation are determined by the proctored assessment score from the exam. Similar to the practice tests, you will be given 1 week to complete all remediations for the proctored test. Please see the remediation rubric and instructions in Canvas. If you fail to submit all required remediation objectives by the due date, the assignment will be considered incomplete and result in an automatic zero for the assignment. No partial points are awarded.

The Proctored Retake Assessment is not required for Level 3. Level 1 and Below Level 1 is required to retake the exam as scheduled by each course. 10 additional points for each additional level improved for the retake assessment may be obtained. (i.e., Below Level 1 scores at Level 1 or higher). Level 2 MAY retake for a higher score to be achieved.

No remediation is required after the retake exam is completed.

No show/no call for the assigned proctored exam may result in zero points.

Section 3: ATI Proctored Retake Assessment
The Proctored Retake Assessment is not required for Level 3. Level 1 or Below Level 1 is required to retake the exam as scheduled by each course. 10 additional points for each additional level improved for the retake assessment may be obtained if the student scores at the next level.
i.e., Below Level 1 scores at Level 1 or higher. Level 2 MAY retake for a higher score to be achieved.

No additional remediation is required after the retaken assessment is completed.

Section 4: ATI Final Grade
Each column is added accordingly, and a final grade is calculated.

ATI Grade Rubric (effective Summer 2023)

Complete Practice Assessment A and B Remediation

Score 0 – 75: Complete a Focused Review and a Student-Generated Custom 40 Question Learning System Quiz based on the content area and set on Moderate difficulty.

Score 76 – 89: Complete a Focused Review and a Student-Generated Custom 40 Question Learning System Quiz based on the content area and set on Moderate difficulty.

Score 90 – 100: Complete a Focused Review and a Student-Generated Custom 40 Question Learning System Quiz based on the content area and set on Moderate difficulty.

20 Points for each Practice Assessment Test

upon completion of Remediation and submitted by due dates (quizzes must be 85% or greater)

All quizzes may be completed in Study mode.

Proctored Assessment – Based on Level Achieved (Refer to chart for each exam)

Level 3	Level 2	Level 1	Below 1
Remediation Required Minimum **1-hour** Focused Review **PLUS** Submit a student-generated custom 25-question learning system quiz based on the content area and set on moderate difficulty with a score of 85% or greater **60 Points**	**Remediation Required** Minimum **2-hour** Focused Review **PLUS** Submit a student-generated custom 50-question learning system quiz based on the content area and set on moderate difficulty with a score of 85% or greater **50 Points**	**Remediation Required** Minimum **3-hour** Focused Review **PLUS** Submit a student-generated custom 75-question learning system quiz based on the content area and set on moderate difficulty with a score of 85% or greater **35 Points**	**Remediation Required** Minimum **4-hour** Focused Review **PLUS** Submit a student-generated custom 100-question learning system quiz based on the content area and set on moderate difficulty with a score of 85% or greater **25 Points**

ATI Grade Before Retake – Based on Proctored Assessment Level
(If all remediation for Practice and Proctored Assessments are complete and submitted by due dates)

Level 3	Level 2	Level 1	Below Level 1
100	90	75	65

Proctored Assessment Retake

Level 3	Level 2	Level 1	Below Level 1
No Retake Required	May Retake	Retake Required	Retake Required
	Retake Score Level 3 = **10 Points ***	Retake Score Level 2 or higher = **10 Points/each level ***	Retake Score Level 1 or higher = **10 Points/each level ***

ATI Final Grade (*if improved)

100	100*	85*	75*

I have read/reviewed the ATI RN Rubric. I will comply with the outlined guidelines and will complete the Practice Assessments (A & B), Proctored Assessment, and remediation as needed and submit to the appropriate instructor. I understand that this is a mandatory requirement to pass this course and assignments must be turned in by the due date as assigned.

Signature: _____   Date: _____

Important Course Dates:

Classes Begin: January 16, 2024
Census Date (withdraw without penalty): January 29, 2024
Last Date to Withdraw: March 25, 2024
Please contact your advisor to discuss withdrawing from the course and notify your instructor.
Final exam: April 24, 2024
Last day of class: April 24, 2024

Calendar of Topics, Readings, and Due Dates:

		NURS 3307 - Pharmacology CLASS SCHEDULE Spring 2024	
Week	**Chapters**	**Lecture**	**Assignments**
Week 1 1/16/24	Unit 1	Introduction and Course Overview Pharmacological Principles Safe Dosage, Med Admin, and Oral Medications	Pharm Made Easy Introduction to Pharmacology Dosage Calculation and Safe Medication Administration 3.0
Week 2 1/23/24		Dosage Calculations	Dosage Calculation and Safe Medication Administration 3.0
		EXAM 1 (MONDAY 1/29/24) TIME: TBD	
Week 3 1/30/24	Unit 8	Hematologic System	Pharm Made Easy Hematologic System
Week 4 2/6/24	Unit 4	Cardiovascular System	Pharm Made Easy Cardiovascular System
Week 5 2/13/24	Unit 3	Respiratory System	Pharm Made Easy Respiratory System
		EXAM 2 (MONDAY 2/19/24) TIME: TBD	
Week 6 2/20/24	Unit 9 Unit 8	Pain and Inflammation Musculoskeletal System	Pharm Made Easy Pain and Inflammation Pharm Made Easy Joint and Bone Conditions
Week 7 2/27/24	Unit 6	Gastrointestinal System and Nutrition	Pharm Made Easy Gastrointestinal System
Week 8 3/5/24	Unit 10	Endocrine System	Pharm Made Easy Endocrine System ATI Practice Test A (Complete at home)
3/11-3/15		**SPRING BREAK**	**SPRING BREAK**
Week 9		**EXAM 3 (MONDAY 3/18/24) TIME: TBD**	
3/19/2024	Unit 12	Infection	Pharm Made Easy Infection
Week 10 3/26/24	Unit 11	Immune System	Pharm Made Easy Immune System ATI Practice Test B (Complete at home)
		EXAM 4 (MONDAY 4/1/24) TIME: TBD	
Week 11 4/2/24	Unit 2	Reproductive and Genitourinary	Pharm Made Easy Reproductive and Genitourinary System
Week 12 4/9/24	Unit 2	Neuro Part 1	Pharm Made Easy Neurological System Part 1 **ATI Proctored Test- Monday 4/8/24**
Week 13 4/16/24	Unit 7	Neuro Part 2	Pharm Made Easy Neurological System Part 2 **ATI Proctored Test (retake) - Monday 4/15/24**
Week 14 WED 4/24/24		**FINAL EXAM (70% old/30% new)**	

UT Tyler School of Nursing Justice, Equity, Diversity and Inclusion Statement

The University of Texas at Tyler School of Nursing aspires to create, foster, and sustain a culture of justice, equity, diversity, and inclusion irrespective of one's identity. We value and embrace all backgrounds, experiences, and identities, realizing that no one group, person or perspective has all the answers. We are richer when our individual skills, knowledge, experiences, cultures, backgrounds, and identities are combined in an accepting community. We strive to ensure that every individual gets a fair and equal chance to participate and thrive in a nurturing environment where all feel a sense of belonging. We are committed to intentionally and deliberately creating a diverse community that instills a sense of equitable justice and belonging for everyone affiliated with our school.

School of Nursing Policies and Additional Information:

https://www.uttyler.edu/nursing/college/student_guide_and_policies.php

Student Resources and University Policies are provided in Canvas.