



**Pharmacological Basis for Nursing  
NURS 3307  
Spring 2023**

**Scheduled Class Days and Times: Longview Campus Tuesday 0900-1145, Palestine Campus  
Tuesday 1300-1545, and Tyler Campus 1400-1645**

**Instructor's Name:** Amanda Chambers, MSN, APRN, CPNP-AC

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**Office Hours:** Tuesday 1000-1300 and available via appointment, email, conference call, and/or Zoom.

\*Best way to contact me.

**Instructor's Name:** Hilary Greene, MSN, RN

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**Office Hours:** Tuesday 1300-1600, Wednesday 1400-1600 and available via appointment, email, conference call, and/or Zoom.

\*Best way to contact me.

**Instructor's Name:** David McIntyre, DNP, APRN, AGNP

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**Instructor's Name:** Brian Opella, MSN, RN

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**Instructor's Name:** Ryleigh Smith, MSN, APRN, PPCNP-BC

**Office:** BRB 1110

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**Office Hours:** Tuesday 1000-1300 and available via appointment, email, conference call, and/or Zoom.

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**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](http://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/>

**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

Final 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.

**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.

#### **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. Based on the exam score, the 6 active learning templates (ALTs) are to be completed plus a quiz is required (75 and below requires two quizzes). All components: Assessment Score, ALTs, and exam score report are all uploaded into the designated assignment tab in the course canvas. Custom quizzes must be 80% or greater to be accepted. 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.

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. Your ATI Raw Score is weighted based on the rubric below.

Similar to the practice tests, you will be given 1 week to complete all remediations for the proctored test. All remediation requirements must be uploaded to the canvas assignment tab by the required course due date to receive the allotted points. 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.

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 point 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 Exam Submissions to Canvas:**

Upload each document required in a grouping as outlined below:

- ATI Score Report
- ALTs
- Quiz score

<b>ATI Grade Rubric</b> (effective Fall 2022)			
<b>Complete Practice Assessment A and B Remediation</b>			
<p><b>Score 0 – 75: Minimum</b> of 6 Active Learning Templates chosen from the lowest scoring areas of the Focused Review and Completion of Post Remediation Quiz as well Student Generated Custom 25 Question Learning System Quiz based on the content area.</p> <p><b>Score 76 – 89: Minimum</b> of 6 Active Learning Templates chosen from lowest scoring areas of the Focused Review and Student Generated Custom 25 Question Learning System Quiz based on the content area.</p> <p><b>Score 90 – 100: Minimum</b> of 6 Active Learning Templates from alternate remediation assignment generated from faculty and Student Generated Custom 25 Question Learning System Quiz based on the content area.</p> <p style="text-align: center;"><b>20 Points for each Practice Assessment Test</b></p> <p style="text-align: center;"><b>upon completion of Remediation and submitted by due dates (quizzes must be 80% or greater)</b></p>			
<b>Proctored Assessment – Based on Level Achieved</b> (Refer to chart for each exam)			
<b>Level 3</b>	<b>Level 2</b>	<b>Level 1</b>	<b>Below 1</b>
<b>Remediation Required</b>	<b>Remediation Required</b>	<b>Remediation Required</b>	<b>Remediation Required</b>
<b>Minimum 1-hour Focused Review</b>	<b>Minimum 2-hour Focused Review</b>	<b>Minimum 3-hour Focused Review</b>	<b>Minimum 4-hour Focused Review</b>
For each Major Content Area scoring 50% or less, complete all Active Learning Templates for each item missed	For each Major Content Area scoring 50% or less, complete all Active Learning Templates for each item missed	For each Major Content Area scoring 50% or less, complete all Active Learning Templates for each item missed	For each Major Content Area scoring 50% or less, complete all Active Learning Templates for each item missed
<u>Minimum 3 templates</u> If required templates are less than the minimum number, select additional templates based on self-determined weaker areas	<u>Minimum 6 templates</u> If required templates are less than the minimum number, select additional templates based on self-determined weaker areas	<u>Minimum 9 templates</u> If required templates are less than the minimum number, select additional templates based on self-determined weaker areas	<u>Minimum 12 templates</u> If required templates are less than the minimum number, select additional templates based on self-determined weaker areas
<b>60 Points</b>	<b>50 Points</b>	<b>35 Points</b>	<b>25 Points</b>
<b>ATI Grade Before Retake – Based on Proctored Assessment Level</b>			
(If all remediation for Practice and Proctored Assessments are complete and submitted by due dates)			
<b>Level 3</b>	<b>Level 2</b>	<b>Level 1</b>	<b>Below Level 1</b>
<b>100</b>	<b>90</b>	<b>75</b>	<b>65</b>
<b>Proctored Assessment Retake</b>			
<b>Level 3</b>	<b>Level 2</b>	<b>Level 1</b>	<b>Below Level 1</b>
<b>No Retake</b>	<b>May Retake</b>	<b>Retake Required</b>	<b>Retake Required</b>
	Retake Score Level 3 = <b>10 Points *</b>	Retake Score Level 2 or higher = <b>10 Points/each level *</b>	Retake Score Level 1 or higher = <b>10 Points/each level *</b>
<b>ATI Final Grade (*if improved)</b>			
<b>100</b>	<b>100*</b>	<b>85*</b>	<b>75*</b>

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 9, 2023**Census Date (withdraw without penalty):** January 20, 2023**Last Date to Withdraw:** March 20, 2023

Please contact your advisor to discuss withdrawing from the course and notify your instructor.

**Final exam:** April 17, 2023**Last day of class:** April 17, 2023**Calendar of Topics, Readings, and Due Dates:**

Week	Chapters	Lecture	Assignments
Week 1 1/10/2023	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 1/17/2023		Dosage Calculations	Dosage Calculation and Safe Medication Administration 3.0
<b>EXAM 1</b>			
Week 3 1/24/2023	Unit 8	Hematologic System	Pharm Made Easy Hematologic System
Week 4 1/31/2023	Unit 4	Cardiovascular System	Pharm Made Easy Cardiovascular System
Week 5 2/7/2023	Unit 3	Respiratory System	Pharm Made Easy Respiratory System
<b>EXAM 2</b>			
Week 6 2/14/2023	Unit 9	Pain and Inflammation Musculoskeletal System	Pharm Made Easy Pain and Inflammation Pharm Made Easy Joint and Bone Conditions
	Unit 8		
Week 7 2/21/2023	Unit 6	Gastrointestinal System and Nutrition	Pharm Made Easy Gastrointestinal System
Week 8 2/28/2023	Unit 10	Endocrine System	Pharm Made Easy Endocrine System ATI Practice Test A
<b>EXAM 3</b>			
Week 9 3/7/23	Unit 12	Infection	Pharm Made Easy Infection
<b>3/13-3/18</b>			
<b>SPRING BREAK</b>			
<b>3/20/23</b>			
<b>Last day to withdraw from class</b>			
Week 10 3/21/2023	Unit 11	Immune System	Pharm Made Easy Immune System ATI Practice Test B
<b>EXAM 4</b>			
Week 11 3/28/2023	Unit 2	Reproductive and Genitourinary	Pharm Made Easy Reproductive and Genitourinary System
Week 12 4/4/2023	Unit 2	Neuro Part 1	Pharm Made Easy Neurological System Part 1 ATI Proctored Test
Week 13 4/11/2023	Unit 7	Neuro Part 2	Pharm Made Easy Neurological System Part 2
			ATI Proctored Test (retake) - Monday 4/10
Week 14 4/17/2023	<b>FINAL EXAM (70% old/30% new)</b>		



### **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](https://www.uttyler.edu/nursing/college/student_guide_and_policies.php)

**Student Resources and University Policies are provided in Canvas.**