Pharmacological Basis for Nursing
NURS 3307
Fall 2022

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-AP
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Phone: 903-727-2307
Email: achambers@uttyler.edu *
Office Hours: Tuesday 1100-1300, 1600-1700 and available via appointment, email, conference call, and/or Zoom.
*Best way to contact me.

Instructor's Name: Hilary Greene, MSN, RN
Office: LUC 228
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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
Office: BRB 2330
Phone: 903-721-3622
Email: dmcintyre@uttyler.edu *
Office Hours: Tuesday 0800-1100 and available via appointment, email, conference call, and/or Zoom.
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Instructor's Name: Brian Opella, MSN, RN
Office: BRB 2310
Phone: 903-566-7098
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Office Hours: Monday 1300-1600 and available via appointment, email, conference call, and/or Zoom.
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Instructor's Name: Ryleigh Smith, MSN, APRN, PPCNP-BC
Office: BRB 1110
Phone: 903-565-5954
Email: ryleighsmith@uttyler.edu *
Office Hours: Tuesday 1000-1300 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](#).

Corequisites: None

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

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 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.

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:

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.

ATI Testing Policy

ATI Pharmacology Practice A and Practice 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. 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.

ATI Pharmacology Proctored Test: This test will be administered in a proctored exam environment (computer lab) on campus. You will receive a Raw Score from this test. 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. 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.

ATI Focused Review: After completion of the practice A and B tests and proctored test, ATI will suggest a Focused Review for remediation. Focused Review is required for obtaining the percentage points listed below on the rubric. If the focused review hours, templates, and applicable quizzes are not completed by the due date, the grade entered for the practice or proctored exam will be an automatic zero.

ATI Grade Rubric (effective Summer 2022)
Complete Practice Assessment A and B Remediation
Score 0 – 75: Minimum of 6 Active Learning Templates chosen from lowest scoring areas of the Focused Review and Completion of Post Remediation Quiz plus a Student Generated Custom 25 Question Learning System Quiz based on <u>content area and minimum of 80% or greater.</u> **Score 76 – 89: Minimum** of 6 Active Learning Templates chosen from lowest scoring areas of the Focused Review and <u>Student Generated Custom 25 Question Learning System Quiz based on content area with minimum of 80% or greater</u>. **Score 90 – 100: Minimum** of 6 Active Learning Templates from alternate remediation assignment generated from generated from student's selection of areas they determine as their weakest topics and Student Generated 25 Question <u>Learning System Quiz based on content area with minimum of 80% or greater.</u>
20 Points each Practice Assessment Test upon completion of Remediation

Proctored Assessment – Based on Level Achieved			
Level 3 = 40 Points **Remediation = 20 Points** **Minimum <u>1-hour</u> Focused Review** 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 minimum number, select additional templates based on self-determined weaker areas	**Level 2 = 30 Points** **Remediation = 20 Points** **Minimum <u>2-hour</u> Focused Review** For each Major Content Area scoring 50% or less, complete all Active Learning Templates for each item missed <u>Minimum 6 templates</u>	**Level 1 = 15 Points** **Remediation = 20 Points** **Minimum <u>3-hour</u> Focused Review** For each Major Content Area scoring 50% or less, complete all Active Learning Templates for each item missed <u>Minimum 9 templates</u>	**Below 1 = 5 Points** **Remediation = 20 Points** **Minimum <u>4-hour</u> Focused Review** For each Major Content Area scoring 50% or less, complete all Active Learning Templates for each item missed <u>Minimum 12 templates</u>

	If required templates are less than minimum number, select additional templates based on self-determined weaker areas	If required templates are less than minimum number, select additional templates based on self-determined weaker areas	If required templates are less than minimum number, select additional templates based on self-determined weaker areas
ATI Grade Before Retake – Based on Proctored Assessment Level (If all remediation for Practice and Proctored Assessments complete)			
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	No Retake	**Retake Required**	**Retake Required**
		Retake Score Level 2 or higher = 10 Points *	**Retake Score Level 1 or higher = 10 Points ***
ATI Final Grade – If Improved (If all remediation for Practice and Proctored Assessments complete)			
100	90	85*	75*

Important Course Dates:

Note: The complete course schedule is available in the Course Canvas site.

Census Date: **September 9, 2022**

Last Date to Withdraw: **November 7, 2022** (Withdrawal information)

Final Exam Date:

    Longview: **December 8, 2022**

    Palestine: **December 8, 2022**

    Tyler: **December 8, 2022**

Calendar of Topics, Readings, and Due Dates:

Week	Chapter	Lecture	Assignments
Week 1 8/30/2022	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
Week 2 9/6/2022		Dosage Calculations	Dosage Calculation and Safe Medication
9/9/2022		**Census date**	
		EXAM 1	
Week 3 9/13/2022	Unit 8	Hematologic	Pharm Made Easy Hematologic System
Week 4 9/20/2022	Unit 4	Cardiovascular System	Pharm Made Easy Cardiovascular System
Week 5 9/27/2022	Unit 3	Respiratory System	Pharm Made Easy Respiratory System
		EXAM 2	
Week 6 10/4/2022	Unit 9 Unit 8	Pain and Inflammation Musculoskeletal System	Pharm Made Easy Pain and Inflammation Pharm Made Easy Joint and Bone Conditions
Week 7 10/11/2022	Unit 6	Gastrointestianl System and Nutrition	Pharm Made Easy Gastrointestinal System
Week 8 10/18/2022	Unit 10	Endocrine System	Pharm Made Easy Endocrine System ATI Practice Test A
Week 9 10/25/2022		**EXAM 3**	
	Unit 12	Infection	Pharm Made Easy Infection
Week 10 11/1/2022	Unit 11	Immune System	Pharm Made Easy Immune System ATI Practice Test B
11/7/2022		**Last day to withdraw from course**	
		EXAM 4	
Week 11 11/8/2022	Unit 2	Reproductive and Genitourinary	Pharm Made Easy Reproductive and Genitourinary
Week 12 11/15/2022	Unit 2	Neuro Part 1	Pharm Made Easy Neurological System Part 1 ATI Proctored Test
11/21-25/22		**THANKSGIVING HOLIDAY**	
Week 13 11/29/2022	Unit 7	Neuro Part 2	Pharm Made Easy Neurological System Part 2 ATI Proctored Test (retake)
Week 14 12/8/2022		**FINAL EXAM (70% old/30% new)**	

School of Nursing Policies and Additional Information:

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

Student Resources to assist you in this course:

[UT Tyler Student Accessibility and Resource (SAR) Office](#) (provides needed accommodations to students with document needs related to access and learning)

[UT Tyler Writing Center](#)

[The Mathematics Learning Center](#)

[UT Tyler PASS Tutoring Center](#)

[UT Tyler Supplemental Instruction](#)

[Upswing (24/7 online tutoring) - covers nearly all undergraduate course areas](#)

[Robert Muntz Library (Links to an external site.)](#) and [Library Liaison](#)

[Canvas 101](#) (learn to use Canvas, proctoring, Unicheck, and other software)

Digital Support Toolkit (for supported courses only. Students are automatically enrolled in the toolkit for supported courses)

LIB 422 - Computer Lab where students can take a proctored exam

[The Career Success Center](#)

[UT Tyler Testing Center](#)

[Office of Research & Scholarship Design and Data Analysis Lab](#)

Resources available to UT Tyler Students

[UT Tyler Counseling Center](#) (available to all students)

[TAO Online Support Center](#) (online self-help modules related to mental & emotional health)

[Military and Veterans Success Center](#) (support for all of our military-affiliated students)

[UT Tyler Patriot Food Pantry](#)

[UT Tyler Financial Aid and Scholarships](#)

[UT Tyler Registrar's Office](#)

[Office of International Programs](#)

[Title IX Reporting](#)

[Patriots Engage](#) (available to all students. Get engaged at UT Tyler.)

University Policies and Information

Withdrawing from Class: Students are allowed to [withdraw](drop) this course through the University's withdrawal portal. Texas law prohibits students who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at other 2-year or 4-year Texas public colleges and universities. Make sure to consider the impact withdrawing from this class has on your academic progress as well as the financial implications. We encourage you to consult your advisor(s) and financial aid for additional guidance. CAUTION #1: Withdrawing before census day does not mean you get a full refund. Please see the [Tuition and Fee Refund Schedule](). CAUTION #2: All international students must check with the [Office of International Programs]() before withdrawing. All international students are required to enroll full-time for fall and spring terms.

Final Exam Policy: Final examinations are administered as scheduled. If unusual circumstances require that special arrangements be made for an individual student or class, the dean of the appropriate college, after consultation with the faculty member involved, may authorize an exception to the schedule. Faculty members are required to maintain student final examination papers for a minimum of three months following the examination date.

Incomplete Grade Policy: If a student, because of extenuating circumstances, is unable to complete all of the requirements for a course by the end of the semester, then the instructor may recommend an Incomplete (I) for the course. The "I" may be assigned in lieu of a grade only when all of the following conditions are met: (a) the student has been making satisfactory progress in the course; (b) the student is unable to complete all course work or final exam due to unusual circumstances that are beyond personal control and are acceptable to the instructor, and (c) the student presents these reasons prior to the time that the final grade roster is due. The semester credit hours for an Incomplete will not be used to calculate the grade point average for a student.

The student and the instructor must submit an Incomplete Form detailing the work required and the time by which the work must be completed to their respective department chair or college dean for approval. The time limit established must not exceed one year. Should the student fail to complete all of the work for the course within the time limit, then the instructor may assign zeros to the unfinished work, compute the course average for the student, and assign the appropriate grade. If a grade has not been assigned within one year, then the Incomplete will be changed to an F or NC if the course was originally taken under the CR/NC grading basis.

Grade Appeal Policy: UT Tyler's Grade Appeal policy requires the completion of a Grade Appeal form for this action to take place. The grade appeal begins with the instructor of your course. If you do not agree with the decision of the instructor, you may then move your appeal to the department chair/school director for that course. If you are still dissatisfied with the decision of

the chair/director, you may move the appeal to the dean of the college offering that course, who has the final decision. Grade appeals must be initiated within sixty (60) days from the date of receiving the final course grade. The grade Appeal form is found on the [Registrar's Form Library.](#)

Disability/Accessibility Services: The University of Texas at Tyler has a continuing commitment to providing reasonable accommodations for students with documented disabilities. Students with disabilities who may need accommodation(s) in order to fully participate in this class are urged to contact the Student Accessibility and Resources Office (SAR) as soon as possible to explore what arrangements need to be made to ensure access. If you have a disability, you are encouraged to visit the SAR Portal (https://hood.accessiblelearning.com/UTTyler/) and complete the New Student Application. For more information, please visit the [SAR webpage](#)or call 903.566.7079.

Military Affiliated Students: UT Tyler honors the service and sacrifices of our military-affiliated students. If you are a student who is a veteran, on active duty, in the reserves or National Guard, or a military spouse or dependent, please stay in contact with me if any aspect of your present or prior service or family situation makes it difficult for you to fulfill the requirements of a course or creates disruption in your academic progress. It is important to make me aware of any complications as far in advance as possible. I am willing to work with you and, if needed, put you in contact with university staff who are trained to assist you. Campus resources for military-affiliated students are in the [Military and Veterans Success Center (MVSC)](#). The MVSC can be reached at MVSC@uttyler.edu or via phone at 903.565.5972.

Academic Honesty and Academic Misconduct: The UT Tyler community comes together to pledge that "Honor and integrity will not allow me to lie, cheat, or steal, nor to accept the actions of those who do." Therefore, we enforce the [Student Conduct and Discipline policy](#) in the Student Manual Of Operating Procedures (Section 8).

FERPA: UT Tyler follows the Family Educational Rights and Privacy Act (FERPA) as noted in [University Policy 5.2.3](#). The course instructor will follow all requirements in protecting your confidential information.

COVID Guidance: The UT Tyler community of Patriots respects the rights of others to wear a mask if they desire to do so. COVID guidelines may change as the situation warrants, and students should follow the instructions warranted by the situation.

Absence for Official University Events or Activities: This course follows the practices related to approved absences as noted by the Student Manual of Operating Procedures ([Sec. 1 -501](#)).

Absence for Religious Holidays: Students who anticipate being absent from class due to a religious holiday are requested to inform the instructor by the second class meeting of the semester.

Campus Carry: We respect the right and privacy of students who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at http://www.uttyler.edu/about/campus-carry/index.php.