



Intro to Pathophysiology Pharmacology and Physical Assessment I

NURS 2301

Fall 2025

Scheduled Class Days and Times: Monday 10-11:30

Lab times vary, so please check your Lab schedule.

Tyler Instructor: Lavada Fields MSN, RN

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Tyler Instructor: Jessica Bass MSN, RN

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Course Description: Students will integrate concepts of pathophysiology and pharmacology to apply health assessment principles and skills for comprehensive examination of clients from populations across the lifespan. The focus will be on common deviations from normal.

Prerequisites: A&P I and II

Student Learning Outcomes:

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

1. Integrate concepts of disease in the assessment and treatment of clients.
2. Demonstrate increasing skill in the assessment of clients, understanding normal and abnormal variations of findings while recognizing clients and their families as unique individuals with varied preferences, values, and needs.
3. Identify etiology, pathophysiology, clinical manifestations, and complications of common diseases while integrating knowledge from pathophysiology and pharmacology.
4. Utilize clinical judgement skills, fundamentals of pathophysiology, pharmacologic principles, and assessment skills to make appropriate clinical decisions.
5. Demonstrate competency in performing comprehensive health assessments to identify patients' needs and deviations from normal health status.

6. Employ principles of cultural competence and ethical decision-making when providing care to diverse populations.

Required Textbooks and Readings:

Open educational resources to be provided through Canvas. See individual weekly modules for details.

Special Course Notes:

This course requires 1.5 hours of lecture attendance and 1.5 hours of lab attendance each week. Students must adhere to the lab dress code and all lab policies. These expectations will be reviewed during the lab orientation session.

Lab Dress Code:

Students are required to wear a **solid-colored T-shirt, full-length pants, and closed-toe shoes** (preferably tennis shoes) during all lab sessions. Proper attire is essential for participation and safety in the lab environment.

A PC **laptop** is required for this course. Please note that **notebooks and tablets are not compatible** with the required testing software. Laptops must have **Windows 10 or 11** and a **minimum of 16GB RAM** to ensure proper functionality during exams and course activities.

Assignments and Weights/Percentage/Point Values:

5 Exams (5 Exams 15% each).	75%
Lab Participation/ Professionalism	10%
Canvas Quizzes	10%
Assignments	5%

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 (for NURS 3303-Pathophysiology):

- 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 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.

Grade Appeals: Although the university's 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 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, and assignments 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:

Exams: 5 exams will be given on campus as indicated on the Course Calendar. Each exam will be worth 100 points. Failure to take an exam as scheduled will result in a grade of 0 for the exam. In the event of illness or emergency, the student should contact faculty. Make-up for a missed exam is at the instructor's discretion.

Quizzes: Online quizzes are taken on Canvas as indicated on the Course Calendar. Each quiz will be worth 100 points. Quizzes will open and close as noted on the Course Calendar. Failure to complete the quiz within this time frame will result in a grade of 0 for the quiz. It is recommended that the student take the quizzes on campus or on a laptop to avoid technical difficulties. The UTT IT department recommends using Firefox or Chrome browsers for Canvas. Class notes and textbooks may be used for the weekly online quizzes. Quiz grades will be calculated into the course final grade only after a simple average of 70% is attained on exams.

Important Course Dates:

- Canvas opens: August 28
- Labor Day holiday: September 1
- Classes begin meeting on September 8th in person
- Census Date (withdraw without penalty): September 10th
- Last Date to Withdraw: (Please contact your advisor to discuss withdrawing from the course and notify your course instructor.) November 4
- School of Nursing Final Exam December 8

School of Nursing Policies and Additional Information can be found at the website below.

- https://www.uttyler.edu/nursing/college/student_guide_and_policies.php
- **Student Resources and University Policies and Information are provided on Canvas.**
- **Technical resources:** Laptops/electronic devices are required for testing with ATI. Notebooks and tablets are not compatible with ATI Products.
- **Artificial Intelligence in course work:** Refer to the UT Website for more details @uttyler.edu - digital learning AI.

Course Calendar: NURS 2301 – The 3 P's Fall 2025

Week	Dates	Topic(s)	Assessment/Assignment Due
Aug 31–Sep 6 Week 1	No class or Lab Sep 1- Holiday	Introduction to the 3 P's: Pathophysiology, Pharmacology, & Physical Assessment	Week 1 Quiz Due:9/7

Sep 7–13 Week 2	Class Monday Sep 8 @ 10-1130 in COB 112 Lab time per section	Fluid Movement in the Body Basics of Physical Assessment Pharmacology principles	Week 2 Quiz Due:9/14
Sep 14-20 Week 3	Class Monday Sep 15 @ 10-1130 in COB 112 Lab time per section	Introduction to Fluid and Electrolyte Imbalances Beginning a Physical General Survey Medication Dosage Calculation	Week 3 Quiz Due: 9/21
Sep 21-27 Week 4	Exam 1 during class time Sep 22 10AM in BRB 1016 Lab time per section	Inflammation Gathering Subjective Data: Health History I Anti-inflammatory Drugs	Week 4 Quiz Due: 9/28
Sep 28-Oct 4 Week 5	Class Monday Sep 29 @ 10-1130 in COB 112 Lab time per section	Infection Anti-infectives, Antibiotics Gathering Subjective Data: Health History II	Week 5 Quiz Due: 10/5 Health History Assignment Due 10/5
Oct 5-11 Week 6	Class Monday Oct 6 @ 10-1130 in COB 112 Lab time per section	Skin/Wounds Assessing Skin and Wounds Anti-fungal Medications	Week 6 Quiz Due: 10/12
Oct 12-18 Week 7	Exam 2 During class time 10/13 @ 10AM BRB 1016 Lab time per section	Pain-Theory, Assessment, & Treating	Week 7 Quiz Due: 10/19
Oct 19-25 Week 8	Class Monday Oct 20 @ 10-1130 in COB 112 Lab time per section	Vital Signs I--Theory, Assessment, & Treating Problems Beta-Blockers, Anti- hypertensives, etc.	Week 8 Quiz Due:10/26
Oct 26-Nov 1 Week 9	Class Monday Oct 27 @ 10-1130 in COB 112 Lab time per section	Vital Signs II--Theory, Assessment, & Treating Problems	Week 9 Quiz Due: 11/2
Nov 2-Nov 8 Week 10	Exam 3 - 11/3 @ 10AM in BRB 1016	Neuro. Part 1	Week 10 Quiz Due: 11/9

	Lab time per section	Neurotransmitters Nervous System-Brain & Cranial Nerves	
Nov 9-15 Week 11	Class Monday Nov 10 @ 10-1130 in COB 112 Lab time per section	Neuro. Part 2 Nervous System: Spinal Cord & Spinal Nerve Nervous System: Autonomic Nervous System, Sympathetic Nervous System	Week 11 Quiz Due:11/16
Nov 16-22 Week 12	Exam 4 -11/17 @ 10AM BRB 1016 Lab time per section	Musculoskeletal-Part 1 Lab: Vital Sign Check Off Day 1	Week 10 Quiz Due: 11/9
Nov 23-29	No Class	Thanksgiving Break	
Nov 30-Dec 6 Week 13	Class Monday Nov 31 @ 10-1130 in COB 112 Lab time per section	Musculoskeletal-Part 2 Lab: Vital Sign Check Off Day 2	Week 13 Quiz Due:12/7 Vital sign Log Due 12/7
Dec 7-Dec 13 Week 14	Exam 5- 12/8 @ 10 AM in COB 112- Bring Laptops No Lab		