



Intro to Pathophysiology Pharmacology and Physical Assessment I

NURS 2301

Fall 2026

Monday's & Tuesday's

Instructors

Jessica Bass, MSN, RN

Email: Canvas Inbox & jessicabass@uttyler.edu

Office Hours: Monday 10:30am-12pm

Lecture Section: 006- COB112

Lab Sections: 009L- NUR2029

Rebecca Carrasco, MSN, RN

Email: Canvas Inbox & rcarrasco@uttyler.edu

Office Hours: Tuesday 0830-1130

Lab Section: 012L- BRB2803

Melissa Gabel, MSN, FNP-BC, ACUE

Email: Canvas Inbox & mgabel@uttyler.edu

Office Hours: Mondays 9-11, Thursday 12-2

Lecture Sections: 004- COB112

Lab Sections: 001L- NUR2040 & 008L- NUR2042

Tray Lang MSN, RN

Email: Canvas Inbox & tlang@uttyler.edu

Office Hours: Monday 8am-11am

Lecture Sections: 005- COB112

Lab Sections: 002L- NUR2042 & 013L- BRB2804

Howard Morris MSN, RN

Email: Canvas Inbox & hmorris@uttyler.edu

Office Hours: TBD

Lecture Sections: 011L- BRB2802

Keya Stephens MSN, RN

Email: Canvas Inbox & keyastephens@uttyler.edu

Office Hours: Wednesday 9-12 or by appt. via zoom

Lab Section: 017L- NURS2040

Carla Biondillo, DNP, MSN-Ed, RN, ACUE

Email: Canvas Inbox, carlabiondillo@uttyler.edu

Office Hours: Monday 11:30-1pm, Thursday 11:30-1pm, and by appointment or Zoom

Lecture Section: 007- COB112

Lab Sections: 007L- NUR2040

LeeAnn Fabry MSN, RN

Email: Canvas Inbox & lfabry@uttyler.edu

Office Hours: Tuesday 1-2 & 3:30-5:30 or by appt.

Lab Sections: 003L-NUR2029, 014L – BRB2805 & 015L- NUR2029

Hilary Jones (Greene), MSN, RN

Email: Canvas Inbox & hgreene@uttyler.edu

Office Hours: Monday 11:30am-1:30pm, Thursday 10am-11am (Location TBD- LUC) or by appt.

Lab Sections: 090L- HEB 130

Patricia Passmore MSN, RN

Email: Canvas Inbox & ppassmore@uttyler.edu

Office Hours: TBD

Lecture Sections: Palestine PLB 115

Lab Sections:

Laura Roberts, MSN, FNP

Email: Canvas Inbox & lauraroberts@uttyler.edu

Office Hours: Monday 12pm-1pm & 2:30pm-3pm

Lab Sections: 504L- NUR2031 & 510L- NUR2031

Elaine Wallace DNP, RN, ACUE

Email: Canvas Inbox & ewallace@uttyler.edu

Office Hours: Tuesdays 11-2 or by appt.

Lab Sections: 016L- NUR2031

Rebecca Williams DNP, RN, ACUE

Email: Canvas Inbox &

rebeccawilliams@uttyler.edu

Office Hours: Thursdays 9am-12pm (and by request)

Lecture Sections: 008 – COB112

Course Coordinator

Fanci Arnold, MSN, RN (Longview Campus)

Email: Canvas Inbox & farnold@uttyler.edu

Office Hours: Mondays 1-4 (Location TBD-LUC)

or by appointment

Lecture Section: 090 – HEB 135

Lab Section: 091L, 092L – HEB 120

****For all course correspondence, use the Canvas inbox feature only. Contact only your assigned instructor. UT Tyler emails regarding course content may not be answered in a timely fashion****

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: Anatomy & Physiology I (A&P I)

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:

Proper attire is essential for participation and safety in the lab environment. **Students will not be allowed to enter and participate in lab if he/she is not compliant with the dress code.** This will be counted as an unexcused lab absence.

The student dress code for lab is as follows:

- Solid colored short sleeve t-shirt
- Long pants
- Closed toe shoes
- A wristwatch with a second hand (not a smart watch)
- Hair longer than shoulder length should be pulled back and secured

Assignments and Weights/Percentage/Point Values:

- Exams (4): 60%
- Weekly Quizzes: 15%
- Assignments (Health History Project Part I & II, Vital Signs Practice Log & Final Vital Signs Check off): 15%
- Participation/Attendance: 10%

Total: 100%

Lab Attendance Requirement:

Due to the hands-on and skills-based nature of this course, 100% lab attendance is expected. Lab experiences are designed to meet essential course objectives, and missed lab curriculum cannot be made up outside of scheduled lab time.

To be eligible to pass the course, students must:

- **Attend at least 70% of scheduled lab sessions**
- **Earn a minimum 75% raw exam average**

The 70% attendance requirement applies regardless of whether absences are excused or unexcused. Students who attend less than 70% of scheduled lab sessions will not meet the required lab objectives and will fail the course, regardless of the overall weighted course average. Failure to meet any of these requirements will result in course failure.

Grading Scale: Specific guidelines and grading rubric for all assignments are in the particular assignment link in Canvas modules.

Final grades for the course will be determined based upon the following grade average:

- 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% 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

Artificial Intelligence in course work: In this course, we may use AI tools (such as ChatGPT and Copilot) to examine how these tools may inform our exploration of the class topics. You will be notified as to when and how these tools will be used, along with guidance for attribution. Using AI tools outside of these parameters violates UT Tyler's Honor Code, constitutes plagiarism, and will be treated as such.

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: Late Policy: 5% will be deducted each day an assignment is past due unless prior arrangements have been made with your course faculty. Any assignment submitted more than 7 calendar days late will result in a zero (0) for that assignment. Extenuating circumstances may apply and are at the listed course instructor's discretion.

Quizzes are not accepted after the due date and are not subject to the late policy. Any missed quiz not completed by the assigned deadline will result in a zero (0).

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 and lab participation is expected. Make-up for exams, quizzes, and assignments is at the instructor's discretion. Exam absences are excused with a documented healthcare provider's note. If a student will be absent due to circumstances beyond illness, **prior** arrangements must be made with his/her assigned instructor.

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: 4 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 immediately and **prior** to the scheduled exam. Make-up for a missed exam is at the assigned 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 students 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 75% is attained on exams.

Important Course Dates:

Course preview days: August 27th-30th

15-week Classes Begin: August 31st and August 1st

Labor Day CLOSED: September 7th & September 8th (online lecture, NO LAB)

Census Date (withdraw without penalty): September 9th

Last Date to Withdraw: November 2, 2026

Thanksgiving Holiday CLOSED: November 23rd-27th

Final Exam Date:

End of 15-week Classes: December 7th & 8th, 2026

For forms from the Office of the Registrar: <https://www.utt Tyler.edu/registrar/forms/>

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

- https://www.utt Tyler.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.

See Course Calendar in Canvas for: Calendar of Topics, Readings, and Due Dates

Date	Wk.	Lecture	Lab	Assignments Due
Course preview days: August 27th-30th				
Module 1				
Aug 31st Sept 1st	1	Course Orientation Intro to 3 P's (Patho, Physical Assessment & Pharm) - Homeostasis - Cellular Adaptation, Injury & Death - Basic Pharmacology	Overview of Health Assessment - Nursing Process - Basic Skills - Stethoscope Hands-on Practice	Syllabus Quiz Affirmation Quiz Week 1 Quiz Due: Sunday, 6 th by 22:00 (10pm)
Sept 7 th & 8 th CLOSED FOR LABOR DAY	2	Lecture ONLINE - Fluid Movement - Intro to Pharm: Pharmacokinetics vs. Pharmacodynamics - Medication Dosage Calculation	No Lab- Holiday	Week 2 Quiz Due: Sunday, 13 th by 22:00 (10pm)
Sept 14 th & 15 th	3	Intro to Fluid & Electrolyte Imbalances - Fluid Volume deficit vs. excess - Electrolyte imbalances - Reading Drug Labels - Medication Rights - Practice Dosage Calculation	- Types of Assessment - Types of Data - Therapeutic Communication - Inspection vs. Palpation vs. Auscultation - General Survey - Expected vs unexpected findings with assessments	Week 3 Quiz Due: Sunday, 20 th by 22:00 (10pm)
Module 2				
Sept 21 st & 22nd	4	Unit 1 Exam During Lecture Time		
		Lecture Recording Online Inflammation Patho and Anti-inflammatory Medications	Gathering Subjective Data: Health History Project Overview Part 1	Week 4 Quiz Due: Sunday, 27 th by 22:00 (10pm)
Sept. 28 th & 29 th	5	Infection: - Adaptive vs Innate Immunity - Antigen-Antibody - Vaccines vs Antibiotics	Gathering Subjective Data: Health History Project Overview Part 2	& Week 5 Quiz Due: Sunday, 4 th by 22:00 (10pm)
Oct 5 th & 6 th	6	Pain-theory and treatment	Pain Assessments	Health History Part 1 Due Week 6 Quiz Due: Sunday, 11 th by 22:00 (10pm)
Module 3				
Oct 12 & 13 th	7	Unit 2 Exam During Lecture Time		
		Lecture Recording Online Vital Sign I Theory, Assessment & Treating	Vital Sign Overview Hands on Print and Bring Vital Sign log to class	Week 7 Quiz Due: Sunday, 18 th by 22:00 (10pm)
Oct. 19 th & 20 th	8	Cardiac/ Hypertension	Vital Sign Practice (Bring Logs to Class)	Health History Part 2 Due & Week 8 Quiz Due: Sunday, 25 th by 22:00 (10pm)
Oct. 26 th & 27 th	9	Integumentary - Skin Function - Phases of Wound Healing - Skin disorders - Pressure Injuries - Antifungal Medications	Skin Assessment Braden Scale Vital Sign Practice (Bring Logs to Class)	Week 9 Quiz Due: Sunday, 1 st by 22:00 (10pm)

			Module 4	
Nov 2 nd & 3 rd	10	Unit 3 Exam During Lecture Time		LAST DAY TO WITHDRAWL
		Lecture Recording Online Musculoskeletal • Spine, bone and Joint Disorders • Trauma • Osteomyelitis • Bone Strengthen Medications	Musculoskeletal Assessment • ROM • Strength • Morse Fall Assessment Vital Sign Practice (Bring Logs to Class)	Week 10 Quiz Due: Sunday, 8 th by 22:00 (10pm)
Nov 9 th & 10 th	11	Neurology • Neurotransmitters • Cranial Nerves • Spinal cord injuries • Degenerative • Seizure disorders • Cerebral Vascular Accidents Thrombolytics & Antiplatelets • Neuro Medications	Neurology Assessment • PERRLA Assessment • Cranial nerve Assessment Vital Sign Practice (Bring Logs to Class)	Week 11 Quiz Due: Sunday, 15 th by 22:00 (10pm)
			Module 5	
Nov 16 th & 17 th	12	Unit 4 Exam During Lecture Time	Vital Sign Practice (Bring Logs to Class)	Vital Signs Practice Log Due
November 23 rd - 27 th			Thanksgiving Break	
Nov 30 th & Dec 1 st	13	Vital Sign Check Off	Vital Sign Check Off	Vital Signs Check-off Uploaded and Due
Dec 7 th & 8 th	14	Vital Signs Check off Part 2 (if needed)	Vital Signs Check off Part 2 (if needed)	