



**Advanced Pathophysiology
NURS 5350 (all sections)
Spring 2025**

Scheduled Class Days and Times: Online

Instructor's Name: Amy Huff PhD, APRN, FNP, CNE, FAANP

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Office Hours: Virtual Mondays from 4:00 to 7:00 and by appointment. [Please email the faculty to make arrangements and obtain a Zoom link.](#)

*Best way to contact me.

Office hours will be Mondays from 4:00-7:00 pm. Here is the office hour link:

<https://uttyler.zoom.us/j/975590507?pwd=N00zWDA2R1FZGhnUmJITElRdHk4Zz09>

Meeting ID: 975 590 507

Passcode: patho

One tap mobile

+134624 87799,,975590507# US (Houston)

Course Description: Regulatory and compensatory mechanisms related to common diseases across the lifespan are explored.

Prerequisites: Admission to the NP Program or NP Cert program.

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

1. Identify regulatory and compensatory mechanisms related to commonly occurring diseases.
2. Integrate pathophysiologic concepts of disease in assessing clients across the lifespan.
3. Apply pathophysiologic concepts of disease to managing commonly occurring conditions across the lifespan.

It will take 9 hours of study a week to be successful in this class.

Required Textbooks and Readings:

AUTHOR	TITLE	EDITION	PUBLISHER and/or ISBN
McCance, K. L., Huether, S. E., Rodgers, J	Pathophysiology: The biologic basis for disease in adults and children	9th. Ed.	ISBN: 978-0-32378987-5
McCance, K. L., Huether, S. E., Rodgers, J	Pathophysiology: The biologic basis for disease in adults and children study guide	9 th Ed.	ISBN: 978-0-323-87498-4 This is available for free as a download from the library.

Special Course Notes: Exams usually take an hour and must be completed in a specific four-hour testing period (8 a.m.-noon). Upon written request, for those who need to go to work, the exams may be opened earlier on the day of the test (5-9 a.m.).

Electronic Subscriptions Assignments are to be submitted into canvas by the due date.

APEA QBANK (required): Q Bank is a test bank for advanced practice nurses. All nurse practitioners will use Q Bank in Advanced Pathophysiology, Advanced Health Assessment, and Advanced Pharmacology. Instructions on purchasing a Q Bank package will be given to students during the first week of class. The purchase of APEA QBANK is the student's responsibility, and details will be provided in the first week of class.

UpToDate (Recommended): You will get this free through the school, and instructions on how to get this will be discussed on the first day of class. It is an excellent resource for drugs, labs, and disease processes.

Required Course Technology

ProctorUAuto is a virtual proctoring service that will be used for all exams. UT Tyler will pay for this technology; details will be given on the first day of class.

Specifically, Exams 1-4 will use ProctorU Auto and the Final Exam will be proctored by faculty. You must create a Proctor U account and install the ProctorU extension before attempting any exam. To create a ProctorU account, follow the ProctorU tool within Canvas.

Please make sure you are using the current version of **Chrome**. Download the Proctor U extension, which is available at <http://bit.ly/proctoruchrome> or <https://www.proctoru.com/firefox>. Chrome works better than Firefox for Proctor U.

To use ProctorU, you will need the following:

- High-speed Internet connection- not dial-up.
- Webcam and microphone (internal or external)

- Windows, Mac, or Chrome Operating System
- Up-to-date Chrome browser and ProctorU extension installed
- Valid photo ID (Driver's License)
- Quiet uninterrupted environment to take your exam
- A lamp by the side of your monitor/computer for good lighting.

You can visit the Test Taker Resource Page for additional information at <https://bit.ly/ProctorMe>

The content of this syllabus or web-based course is subject to change at the discretion of the faculty according to current learning needs. Therefore, it is wise to review assigned readings and assignments at the beginning of each week for possible updates. Notify the faculty immediately if there are issues that would delay assignment submission.

Assignments and Weights/Point Values:

Criteria for Evaluation:	Percentage of Grade:
Exam #1	15%*
Exam #2	15%*
Exam #3	15%*
Exam #4	15%*
Exam # 5 APEA COMPREHENSIVE FINAL	10%*
Quizzes-APEA QBANK	25%
Learning Team project	5%

Grading Scale:

Specific guidelines and grading criteria for all assignments are in the Modules. Final grades for the course will be determined based on the following point assignments:

- A - 90-100
- B - 80-89
- C - 70-79
- D - 60-69
- F - Below 60

Grades will not be rounded when calculating the average (79.5 is not rounded to 80, and 89.5 is not rounded to 90). The simple average of all unit exam grades, including a final, must be at or above 80% to pass the course. Once the student has achieved a simple unit exam average of 80% or higher, course grades will be determined based on the weighted calculation of exams

and other required coursework. Students must achieve an average of 80% (B) to complete the course successfully.

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 violates 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

Use of Artificial Intelligence: All assignments in this course are individual assignments. In this class, you will often be discussing course concepts with your classmates and with me, but when you sit down to complete a quiz, write a discussion post, or work on a project, you are expected to do the actual work on your assignments independently.

Use of an AI Generator such as ChatGPT, Midjourney, DALL-E, Open Evidence, etc., is prohibited unless the instructor notes otherwise. The information derived from these tools is based on previously published materials. Therefore, using these tools without proper citation constitutes plagiarism. Additionally, be aware that the information derived from these tools is often inaccurate or incomplete. All work submitted must be your own. Any assignment found to have been plagiarized or to have used unauthorized AI tools may receive a zero and/or be reported for academic misconduct.

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. Q bank

assignments will be due on Thursday nights at midnight. Specific due dates for topics are in your course calendar. After one week late, a grade of zero will be earned on the assignment.

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:

EXAMS: 70% of course grade:

Five (5) multiple-choice exams will be worth 70% of your total grade. Exam worth is described above. Any makeup exams are in an essay or fill-in-the-blank format instead of multiple choice and are at the discretion of the faculty. The exams will be timed. Exam dates are listed on the course calendar and are in the "Getting Started" Module. Exam dates/times and exam windows are set. You will have 90 minutes to complete the exam. EXAMS 1-4 (unit specific) will consist of 50 multiple-choice questions. EXAM 5 (APEA QBANK comprehensive final) will have 100 multiple-choice questions.

You must use ProctorU Auto for your online testing proctor-Unit exams 1-4 and Proctor U Live for the final APEA comprehensive exam. Sign-up and login instructions/help can be found in Canvas under the "Getting Started" Module. APEA QBANK Access is required for the final comprehensive exam.

Committing to graduate school is a significant responsibility that requires careful balancing of both academic and personal schedules during these rigorous years. The SON faculty want to partner with you to ensure your success with course examinations. Please review the policy on the graduate examinations below to understand the expectations of the SON and to ensure your academic success.

The UT Tyler School of Nursing faculty are committed to...

- *Posting complete syllabi, including course calendars, ahead of the semester for each course to allow ample time for student life planning.*
- *exams are scheduled during a 4-hour time block.*
- *immediate access to the instructor via ZOOM DURING TESTING for individual student support.*
- *Provide accommodations approved by SAR for individualized student needs.*
- *Partnering with students to achieve academic success*

Link to UT Tyler Course Syllabi: <https://www.uttyler.edu/academics/colleges-schools/nursing/syllabi/>

Commitment required from students...

- *review each course syllabus and assignment calendar before the semester starts to make necessary arrangements for specified exam days*
- *notify instructors immediately of any emergencies that hinder exam time – discretion to the faculty on a case-by-case basis*
- *request accommodations appropriately through the SARS for any physical or learning needs, which will notify the faculty of any requests*
- *achievement of a minimum examination average score of 80% to pass each course*
- *adherence to the university policy of academic integrity*
- *Rationale for examinations with a timed schedule is expected for licensure students sitting for National Exams, as is exam integrity adherence.*

We appreciate your understanding and commitment to your academic journey. We are here for you!

QUIZZES (Q Bank): 25% of the overall grade. Each quiz will have unit-specific quizzes via APEA QBANK.

APEA Q bank Categories: Cardiology, Dermatology, Endocrine, Gastrointestinal, Hematology, Men Health, Women’s Health, Neurology, Orthopedics, Psychiatry, Respiratory, Sexually Transmitted Infections, Urology, ENT, Pregnancy

APEA quizzes are unit-specific, and categories will be combined per unit with 15 quizzes throughout the semester). Multiple attempts may occur before the due date. Grading will be based on timely submission. A minimum grade of 80% is required to submit your quiz on Canvas. Purchase of 3-month access to APEA QBANK is needed, and there are instructions on how to purchase the Q bank in the getting started module. Quizzes are due by Thursday at midnight.

Learning Team Project: 5% of the overall grade. Specific requirements are in the assignment link.

Please Note: Detailed information and grading rubrics for course assignments will be provided in Canvas.

Important Course Dates:

Classes Begin: Jan 2. Faculty will respond to questions on Jan 6th, 2024.

Census Date (withdraw without penalty): Jan 14th

Last Date to Withdraw: March 11th. Students, please notify your course faculty and contact your advisor.

Final Exam: April 16th

Calendar of Topics, Readings, and Due Dates [Print this page](#)

Week	Subject	A/P review	Chapters tested over	Assignments due (due dates in canvas)
1	Course Orientation Jan 6 th 4-6:30 pm Cellular Biology Principles, Fluids/Electrolytes, Acid/Bases		1,2,3	Must attend course orientation as learning teams will be organized
2	Genetics Cancer		4,5,6, 12,13,14	Syllabi Quiz
3	Inflammation and Immunity		7,8,9	
4	Test 1 Monday Jan 27th 8 am-noon Infection and stress		10,11	
5	Cardiovascular & Lymph	31	32,33	Cardiology Q bank
6	Hematology Endocrine and Metabolic	28 21	29,30 22,23	Hematology Q bank Endocrine Q bank
7	Test 2 Monday, Feb 17th 8 am-noon Respiratory disorders	34	35,36	Respiratory Q bank
8	GI	40	41,42	GI Q bank, Pregnancy
9	Reproductive/STI Urology/Renal	24 37	25,26,27 38,39	STI/Women/Men Health, Urology/Renal
10	Test 3 Monday, March 10, 8 am-12 The last day to withdraw is March 11th Neurological	15	17, 18,20	Neuro Q bank
11	Spring Break- no classes			
12	Mental Health Additions, Pain, Sensory, Sleep		16,19	Psychiatry Q bank ENT Q bank
13	Muscular Skeletal	43	44,45	M/S Q bank
14	Derm		46,47	Derm Q bank
15	Test 4 Monday, April 14, 8 am-noon			
15	APEA Final Wednesday, April 16th, 8am-noon			

School of Nursing Policies and Additional Information:

https://www.utt Tyler.edu/nursing/college/student_guide_and_policies.php

Student Resources and University Policies are provided on Canvas.