



**Advanced Pathophysiology
NURS 5350 (all sections)
Spring 2023**

Scheduled Class Days and Times: Online

Instructor's Name: Amy Roberts PhD, APRN, FNP, FAANP (Section .060)

Office: Virtual

Phone: (903) 566-7320

Email: aroberts@uttyler.edu*

Office Hours: Virtual Mondays 4:30-7:30 and by appointment. [Please email faculty to make arrangements/obtain Zoom link.](#)

*Best way to contact me.

Instructor's Name: Sandy Petersen DNP, APRN, GNP, FNP, PMHNP, FAANP (Section .061)

Office: Virtual

Phone: (903) 566-7320

Email: spetersen@uttyler.edu*

Office Hours: Virtual Mondays 4:30-7:30 and by appointment. [Please email faculty to make arrangements/obtain Zoom link.](#)

*Best way to contact me.

Course Description: Regulatory and compensatory mechanisms as they relate to commonly occurring 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 as they relate to commonly occurring diseases.
2. Integrate pathophysiologic concepts of disease in assessment of clients across the lifespan.
3. Apply pathophysiologic concepts of disease to the management of 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., Brashers, V. L., & Rote, N.S.	Pathophysiology: The biologic basis for disease in adults and children	8th. Ed.	ISBN: 978-0- 32358347-3
McCance, K. L., Huether, S. E., Brashers, V. L., & Rote, N. S.	Pathophysiology: The biologic basis for disease in adults and children study guide	8 th Ed.	ISBN: 978-0-323- 41309-1

Recommended Text:

Some students who do not have a strong pathophysiology background have found the Hogan text very helpful to read first and then read the text.			
Hogan, M. A., Bower, M., Hill, K., & Holm, K. S.	Pathophysiology: Reviews & rationales	4th Ed.	ISBN-978-0-13451720-9

Special Course Notes:**Electronic Subscriptions**

APEA QBANK (required): Q Bank is a test bank for advanced practice nurses. All nurse practitioners will be using Q Bank in Advanced Pathophysiology, Advanced Health Assessment and Advanced Pharmacology. Instructions to purchase a Q Bank package will be given to student on the first day of class. Purchase of APEA QBANK is student responsibility

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

Required Course Technology

ProctorUAuto and *ProctorU Live* are virtual proctoring services that will be used for all exams. This technology will be paid for by UT Tyler but you must register to get a testing time in the testing window.

Specifically, Exams 1-4 will use ProctorU Auto and the Final Exam will use ProctorU Live. There is no additional cost for proctoring with ProctorU. The only time you may be charged a fee is if you register LATE for scheduling the Final Exam through ProctorU Live. ProctorU Live requires each student to schedule within 72 hours prior to the Final Exam. You will need to create a ProctorU 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 ProctorU extension available at <http://bit.ly/proctoruchrome> or <https://www.proctoru.com/firefox>.

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
- Quiet environment to take your exam
- A lamp by the side of your monitor 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 submission of assignments.

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	15%*
Quizzes-APEA QBANK	25%

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 - 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 course work. Students are required to 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 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:

EXAMS: 75% of course grade:

There will be five (5) exams worth 75% of your total grade. Each exam is worth 15% of your total course grade. The exams will consist of multiple-choice questions. The exams will be timed. Dates for exams are listed on course calendar that can be found in the "Getting Started" Module. Exam dates/times 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 consist of 75 multiple choice questions.

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

QUIZZES (QBank): 25% of 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 each unit with a total of 15 quizzes throughout the semester). Multiple attempts may occur prior to due date. Grading will be based on timely submission. A minimum grade of 80% is required to submit your quiz in canvas. Purchase of 3-month access to APEA QBANK is required (see electronic subscriptions above.)

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

Important Course Dates:

Classes Begin: January 9, 2023

Census Date (withdraw without penalty): January 20, 2023

Last Date to Withdraw: March 20, 2023. Students please notify your course faculty and contact your advisor.

Final Exam: April 17

Calendar of Topics, Readings, and Due Dates

Week	Subject	Chapters	Assignments due (due dates in canvas)
1	Course orientation Cellular Biology Principles, Fluids/Electrolytes, Acid/Bases	1,2,3	Syllabi Quiz
2	Genetics and Cancer	4,5,6, 12,13,14	
3	Inflammation and Immunity	7,8,9	
4	Test 1 Monday 1/30 8am-noon Infection and stress	10,11	
5	Cardiovascular & Lymph	33,34	Cardiology Q bank
6	Hematology Endocrine and Metabolic	29,30,31 22,23	Hemotology Q bank Endocrine Q bank
7	Test 2 Monday 2/20 8am-noon Respiratory disorders	36,37	Respiratory Q bank
8	GI	42,43	GI Q bank
9	Reproductive/STI Uriology	25,26,27 39, 40	STI/Women/Men Health Pregnancy/Uriology
	Spring Break March 13-17 no class		
10	Test 3 Monday 3/20 8am-noon Last day to withdraw 3/20/23 Neurological	16,17	Neuro Q bank
11	Mental Health Additions, Pain, Sensory, Sleep	18,19,20	Psychiatry Q bank ENT Q bank
12	Muscular Skeletal	45,46	M/S & Derm Q bank
13	APEA Final Monday 4/10 8am-noon Derm	48	
14	Test 4 Monday 4/17 8am-noon		

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.utt Tyler.edu/nursing/college/student_guide_and_policies.php

Student Resources and University Policies are provided in Canvas.