



**Advanced Pathophysiology**

**NURS 5350 (all sections)**

**Fall 2022**

**Scheduled Class Days and Times: Online**

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

**Office:** Tyler BRB 2060

**Phone:** (903) 566-7118 office

**Email:** [aroberts@uttyler.edu](mailto:aroberts@uttyler.edu)\*

Best way to contact

**Office Hours:** Monday 7 pm - 10 pm and by appointment; email faculty for Zoom link.

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

**Office:** virtual

**Phone:** (903) 566-7118 office

**Email:** [spetersen@uttyler.edu](mailto:spetersen@uttyler.edu)\*

**Office Hours:** Monday 7 pm - 10 pm and by appointment; email faculty for 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.

**Prerequisite:** Admission to the NP Program or NP Cert program.

**Student Learning Outcomes:**

Upon successful completion of the 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:**

<b>AUTHOR</b>	<b>TITLE</b>	<b>EDITION</b>	<b>PUBLISHER and/or ISBN</b>
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

**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.
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 <sup>th</sup> Ed.	
American Psychological Association [APA]	Publication manual of the American Psychological Association	7 <sup>th</sup> Ed.	

**Electronic Subscriptions**

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

Epocrates **or UpToDate** (Recommended): You can buy a student subscription. This is a great reference 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 (internal or external)
- Windows, Mac, or Chrome Operating System
- Up-to-date Chrome or Firefox browser and ProctorU extension installed
- Valid photo ID
- Quiet environment to take your exam

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:**

<b>Criteria for Evaluation:</b>	<b>Percentage of Grade:</b>
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% in order 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.

**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 them 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, clinical time missed is at the discretion of the instructor.

**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 (see electronic subscriptions p. 6).

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

**APEA Categories:**

1. Cardiology
2. Dermatology
3. Endocrine
4. Gastrointestinal
5. Hematology
6. Men Health
7. Women's Health
8. Neurology
9. Orthopedics
10. Psychiatry
11. Respiratory
12. Sexually Transmitted Infections
13. Urology

Quizzes are unit specific, and categories will be combined per each unit with a total of 9 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.)

**Calendar of Topics, Readings, and Due Dates:**

*Students HIGHLY recommend that you link the assignments to the Canvas calendar.*

Dates	Unit	Subject	Chapters
Week 1		Course Orientation	Explore course site/Syllabus Quiz
	<b>MODULE 1</b>		
	1	Cellular Biology Principles, Fluids/Electrolytes, Acid/Bases	1, 2, 3
Sept 5 <sup>th</sup> Labor Day- no office hours this night.			
Week 2	2	Genetics	4, 5, 6
	3	Cancer	12, 13, 14
Week 3	4	Inflammatory Process & Immunity	7, 8, 9
Week 4	<b>Monday Sept 19, 8-12 Exam 1</b>		
	<b>Module 2</b>		
	5	Infection & Stress	10, 11
Week 5	6	Cardiovascular & Lymph Cardiology Quiz Q Bank due	32, 33, 34 Sept 26 at noon
	7	Hematology Hematology Quiz Q bank due	28, 29, 30, 31 Sept 26 at noon
Week 6	8	Endocrine and Metabolic Endocrine Quiz Q bank due	21, 22, 23 Oct 3 at noon
<b>Monday, Oct 10, 8am-12 noon Exam 2</b>			
Week 7	<b>MODULE 3</b>		
	9	Respiratory Disorders Respiratory Quiz Q bank due	35, 36, 37 Oct 10 <sup>th</sup> at noon
Week 8	10	Gastrointestinal Disorders GI Quiz Q bank due	41, 42, 43 Oct 17 <sup>th</sup> at noon
Week 9	11	Reproductive Disorders / STIs STI/Women/Men Health Quiz Q bank due	24, 25, 26, 27 Oct 24 <sup>TH</sup> at noon
	12	Renal and Urinary Tract Disorders	38, 39, 40
<b>Oct 31<sup>st</sup> 8am-12 noon EXAM 3</b>			
Week 10	<b>MODULE 4</b>		
	13	Neurologic Diseases Neurology Q Bank Quiz	15, 17, 18 Oct 31 <sup>st</sup> at noon
Week 11	14	Mental Health, Addictions, Pain, Sleep/Sensory, Temp Regulation Psychiatry Q bank due	16, 19 Nov 7 <sup>th</sup> at noon
		<b>11/7 last day to drop course.</b>	
Week 12	15	Musculoskeletal Dermatology	44, 45, 46 47, 48
	16	Ortho and Dermatology Quiz Q banks due	Nov 14 <sup>th</sup> at noon
<b>Nov 14<sup>th</sup> 8am- 12 noon EXAM 4</b>			
NOV 21-25 Thanksgiving Break- no class			
Week 13	Final Exam Nov 28 <sup>th</sup> 8am-noon This will be a Q bank Exam		
Week 14	Wrap up		

**School of Nursing Policies and Additional Information:**

[https://www.utt Tyler.edu/nursing/college/student\\_guide\\_and\\_policies.php](https://www.utt Tyler.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](#)

[Robert Muntz Library](#) 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, you are allowed to [withdraw](#) (drop) from 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>.