



## Course Title: Pathophysiology of Acute Care

Course Number: NURS 3303

Fall 2022

### Scheduled Class Days and Times:

Tyler-Mondays 2-4:45 p.m.

Tyler-Tuesdays 11 a.m.-1:45 p.m.

Longview-To be announced

Palestine-To be announced

Concurrent-Online

**Instructor's Name:** Linda Raymond MSN, RN

Clinical Instructor-Tyler

**Office:** BRB 2255

**Phone:** (No office phone available for faculty member)

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

**Office Hours:** Tuesdays 2-5 p.m.

Available via appointment, email, conference call, and/or Zoom.

Virtual Office Hours via Zoom by appointment

\*Best way to contact me.

**Instructor's Name:** Julie George, PhD, RN

Clinical Assistant Professor

**Office:** PMH 118

**Phone:** (TBD by beginning of classes)

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

**Office Hours:** TBD

Available via appointment, email, conference call, and/or Zoom.

Virtual Office Hours via Zoom by appointment

\*Best way to contact me.

**Instructor's Name:** Dr. Helene Hakim-Longview

**Office:** TBD

**Phone:** TBD

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

**Office Hours:** TBD

Available via appointment, email, conference call, and/or Zoom.

Virtual Office Hours via Zoom by appointment

Best way to contact me-TBD

**TA Contact Information:** n/a

**Course Description:** This course focuses on the etiology, pathophysiology, and clinical presentation of selected human diseases across the life span.

**Prerequisites:** School of Nursing Advisor Approval

**Corequisites:** n/a

## Student Learning Outcomes:

1. Integrate knowledge from the biological sciences into the study of the pathophysiology of human diseases.
2. Compare the pathologic origins of selected disease processes at the cellular and systemic levels.
3. Correlate the effects of internal and external environmental risk factors with disease development and progression.
4. Discuss the influence of genetic, ethnic, and cultural factors on health promotion and disease prevention, progression, and treatment.
5. Explain the effects of compensatory body mechanisms in response to major alterations in physiology.
6. Relate diagnostic test findings to both objective and subjective disease symptoms.
7. Employ select nursing and biomedical research studies in the application of pathophysiologic principles to nursing practice.
8. Discuss the impact of the current body of knowledge in pathophysiology on evidence-based nursing practice.

## Required Textbooks and Readings:

Students are **required to have the textbook or E-book version of the text the first week of class**. The textbook and the E-book version include **access code for Davis Advantage**. **BOTH the text and access to Davis Advantage are REQUIRED for the course.**

**Required Text:** Capriotti, T. & Frizzell, J. P. (2020). *Pathophysiology: Introductory concepts and clinical perspectives* (2<sup>nd</sup> edition). Philadelphia, PA: F.A Davis Company. **ISBN 978-0-8036-9411-8**. Students may purchase either the printed textbook OR the digital version.

**Davis Advantage Access Code:** This course requires you to use Davis Advantage to complete required activities. The access code to Davis Advantage web-based interactive activities is included with the purchase of the textbook **OR** the digital electronic version. See the FA Davis website to purchase the E-book version or the UT Tyler bookstore for **ISBN 978-1-7196-4009-1**. The access code for Davis Advantage is located inside the front cover of the printed textbook.

**Rentals:** Students renting or borrowing textbooks are required to purchase the digital Davis Advantage code.

### Direct purchase from www.FA Davis:

Students can purchase textbook (printed or instant access e-book) with Davis Advantage

**ISBN-13: 978-0-8036-9411-8** direct from FA Davis [www.fadavis.com](http://www.fadavis.com)

Use promo code **8D57E7XY** for discount

## Recommended Textbooks and Readings: N/A

## Special Course Notes:

- 1) Proctoring Notice: No proctoring service is used in this course.
- 2) Alternate Locations of Class: Exams will be given in the Computer Lab on the student's designated campus.
- 3) This course requires you to use Canvas, Davis Advantage, and Exemplify to complete homework or assessments. Davis Advantage is discussed in the "Required Textbooks and Readings" section above. Exemplify information will be emailed to you, and instructions provided, before the first exam.

## Assignments and Weights/Percentage/Point Values

1. 5 EXAMS – 17% Each	85%
2. Weekly quizzes	10%
3. Davis Advantage Activities	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:

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

Final course grades less than 70 are not rounded up.

The simple average of all exam grades, including the Final Exam, must first be at or above 70% to pass the course. Exam averages are not rounded up (For example, a grade of 69.5-69.9 is not rounded up to 70). Once the student has achieved a simple exam average of 70% or higher, course grades will be determined based on the weighted calculation of exams and other required course work. Students who do not attain a simple exam grade average of at least 70% will not receive credit for other graded course work, and the final course grade will be based on the simple average of the course exams only.

Completion of NURS 3303 is based on satisfactory attainment of meeting the course objectives and a passing exam average of at least 70%.

**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:** A total of 5 exams will be given on campus as indicated on the Course Schedule. 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 in Canvas as indicated on the Course Schedule. Each quiz will be worth 100 points. Quizzes will open and close in accordance with the course schedule (see course schedule). 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.

**Davis Advantage Interactive Assignments:** Weekly interactive learning activities are assigned for each module. The activities are accessed through Canvas assignments. See the course schedule for assignment due dates. The interactive activity grade is calculated as the percent of activity completion. Interactive activity assignment grades will be calculated into the course final grade only after a simple average of 70% is attained on exams.

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

\*Quizzes will open on Mondays @ 8 AM & close on Saturdays @ 9 PM.

\*\*Exams will be given in person on the student's designated campus on specified dates beginning at the scheduled class time, unless start times adjustments must be made due to Computer Lab availability.

Week # & Start Date	Topics	Text Chapters	Davis Advantage Modules	Quizzes* & Exams**
Week 1 8/29	Course Orientation Cellular Biology & Adaptation Infection Inflammation and Healing	1, 2, 9, 10	Set up your Davis Advantage account Chapter Modules 2, 9, 10 (3 activities)	Quiz 1: Opens 8/29, Closes 9/3 Complete Student Forms Quiz & Syllabus/Orientation Quiz by 9/3 @ 9 PM
Week 2 9/5 (Mon., 9/5- No Class)	Fluid and Electrolytes Acid Base (Monday classes only: Watch lectures posted on Canvas.)	7, 8	Chapter Modules 7,8 (3 activities) Weeks 1-2 due Sat., 9/10 @ 9 PM	Quiz 2: Opens 9/5, Closes 9/10
Friday, 9/9/22: Census Date				
Week 3 9/12	<b>Exam 1</b> Genetics (Posted on Canvas)	3	Chapter Module 3 (1 activity)	<b>EXAM 1: Class Day/Time</b> (Weeks 1 & 2 topics)
Week 4 9/19	Immune and Abnormal Responses	11	Chapter Module 11 (2 activities)	Quiz 3: Opens 9/19, Closes 9/24
Week 5 9/26	Cancer (Neoplasms) Blood and Lymph Disorders	40, 12, 13, 14	Chapter Modules 40,12,13,14 (4 activities) Weeks 3-5 due Sat., 10/1 @ 9 PM	Quiz 4: Opens 9/26, Closes 10/1
Week 6 10/3	<b>Exam 2</b> Reproductive; Skin and Burns (Posted on Canvas)	26,27, 28,41,42	(No Davis Advantage this week)	<b>EXAM 2: Class Day/Time</b> (Weeks 3, 4, & 5 topics)
Week 7 10/10	Arterial Disorders, Ischemic Disorders, Heart Failure, Valve Disorders, Venous Disorders, Shock	15, 16, 17, 18, 19, 46, Pgs. 1151- 1159	Chapter Modules 15, 16, 17, 18, 46 (8 activities)	Quiz 5: Opens 10/10, Closes 10/15
Week 8 10/17	Renal & Urologic Disorders	22, 23	Chapter Modules 22, 23 (3 activities) Weeks 6-8 due Sat., 10/22 @ 9 PM	Quiz 6: Opens 10/17, Closes 10/22
Week 9 10/24	<b>Exam 3</b> Musculoskeletal Disorders (Posted on Canvas)	37, 38, 39	Chapter Modules 37, 38, 39 (3 activities)	<b>EXAM 3: Class Day/Time</b> (Weeks 6, 7, & 8 topics)
Week 10 10/31	Acute Neurological Disorders Chronic Neuro Disorders, Pain	33,34,35,6, Pgs 187- 189 (Bact. Men.)	Chapter Modules 33, 34, 35 (3 activities)	Quiz 7: Opens 10/31, Closes 11/5
Week 11 11/7	Respiratory Disorders	20, 21	Chapter Modules 20, 21 (3 activities) Weeks 9-11 due Sat., 11/12 @ 9 PM	Quiz 8: Opens 11/7, Closes 11/12
11/7/22: Last day to withdraw from courses with a W or Q				
Week 12 11/14	<b>Exam 4</b> Endocrine Disorders (Posted on Canvas)	24, 25	Chapter Modules 24, 25 (6 activities)	<b>EXAM 4: Class Day/Time</b> (Weeks 9, 10, & 11 topics) Quiz 9: Opens 11/14, Closes 11/19
Thanksgiving Break 11/21-25				
Week 13 11/28	Gastrointestinal & Accessory Organ Function	29, 30, 31, 32	Chapter Modules 29, 30, 31, 32 (4 activities) Weeks 12-13 due Sat, 12/3 @ 9 PM	Quiz 10: Opens 11/28, Closes 12/3
Finals Week	<b>FINAL EXAM: Class Day/Time</b> (Final Exam content: 25% Endocrine & GI; 75% comprehensive)			

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

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

[Upswing \(24/7 online tutoring\) - covers nearly all undergraduate course areas](#)

[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 are allowed to [withdraw](#) (drop) 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](mailto: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>.