



**Pathophysiology of Acute Care  
NURS 3303  
Spring 2023**

**Scheduled Class Days and Times: Varies by Campus**

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**Palestine Instructor:** Julie George PhD, RN  
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**Course Description:** This course focuses on the etiology, pathophysiology, and clinical presentation of selected human diseases across the life span.

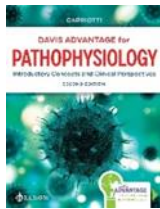
**Prerequisites:** School of Nursing Advisor Approval

### Student Learning Outcomes:

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

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:



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.

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.**

**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.

**Special Course Notes:** This course requires you to use Davis Advantage, as noted in the “Required Textbook and Readings” Section above.

### Assignments and Weights/Percentage/Point Values

- |                               |     |
|-------------------------------|-----|
| 1. 5 Exams (17% each)         | 85% |
| 2. Canvas 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 (for NURS 3303-Pathophysiology):

- 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 a final, must first be at or above 70% in order to pass the course. 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.

**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.

**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:** A total of 5 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. Make-up for a missed exam is at the instructor's discretion.

**Quizzes:** Online quizzes are taken in 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 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 Calendar 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.

#### **Important Course Dates:**

**Classes Begin: Mon., 1/9/23**

**Census Date (withdraw without penalty): Fri., 1/20/23**

**Last Date to Withdraw: Mon., 3/20/23** Please contact your advisor to discuss withdrawing from the course and notify your course instructor.

**Last day of class: Final Exams Week-April 17-21, 2023**

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

\*Quizzes will open on Mondays @ 0800 (8:00 a.m.) & close on Sundays @ 2359 (11:59 p.m.)

\*\*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 1/9	Course Orientation Cellular Biology & Adaptation Infection Inflammation and Healing	1, 2, 9, 10	<b>Set up your Davis Advantage account</b> Chapter Modules 2, 9, 10 (3 activities)	<b>Quiz 1:</b> Opens 1/9, Closes 1/15 <b>Complete Student Forms Quiz &amp; Syllabus/Orientation Quiz</b> By 1/15 @ 2359
Week 2 1/16 (Monday-online)	Fluid and Electrolytes Acid Base (Monday class-Watch online)	7, 8	Chapter Modules 7,8 (3 activities) <b>Weeks 1-2 due Sun., 1/22 @ 2359</b>	<b>Quiz 2:</b> Opens 1/16, Closes 1/22
<b>Friday, 1/20/23: Census Date</b>				
Week 3 1/23	<b>Exam 1</b> Genetics (Posted Online)	3	Chapter Module 3 (1 activity)	<b>EXAM 1: Class Day/Time</b> (Weeks 1 & 2 topics)
Week 4 1/30	Immune and Abnormal Responses	11	Chapter Module 11 (2 activities)	<b>Quiz 3:</b> Opens 1/30, Closes 2/5
Week 5 2/6	Cancer (Neoplasms) Blood and Lymph Disorders	40, 12, 13, 14	Chapter Modules 40,12,13,14 (4 activities) <b>Weeks 3-5 due Sun., 2/12 @ 2359</b>	<b>Quiz 4:</b> Opens 2/6, Closes 2/12
Week 6 2/13	<b>Exam 2</b> Reproductive; Skin and Burns (Posted Online)	26,27, 28,41,42	(No Davis Advantage this week)	<b>EXAM 2: Class Day/Time</b> (Weeks 3, 4, & 5 topics)
Week 7 2/20	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)	<b>Quiz 5:</b> Opens 2/20, Closes 2/26
Week 8 2/27	Renal & Urologic Disorders	22, 23	Chapter Modules 22, 23 (3 activities) <b>Weeks 6-8 due Sun., 3/5 @ 2359</b>	<b>Quiz 6:</b> Opens 2/27, Closes 3/5
Week 9 3/6	<b>Exam 3</b> Musculoskeletal Disorders (Posted Online)	37, 38, 39	Chapter Modules 37, 38, 39 (3 activities)	<b>EXAM 3: Class Day/Time</b> (Weeks 6, 7, & 8 topics)
<b>Spring Break ~ March 13-17, 2023</b>				
<b>3/20/23: Last day to withdraw with a W or Q</b>				
Week 10 3/20	Acute Neurological Disorders Chronic Neuro Disorders, Pain	33,34,35,6, Pgs 187-189 (Bact. Men.)	Chapter Modules 33, 34, 35 (3 activities)	<b>Quiz 7:</b> Opens 3/20, Closes 3/26
Week 11 3/27	Respiratory Disorders	20, 21	Chapter Modules 20, 21 (3 activities) <b>Weeks 9-11 due Sun., 4/2 @ 2359</b>	<b>Quiz 8:</b> Opens 3/27, Closes 4/2
Week 12 4/3	<b>Exam 4</b> Endocrine Disorders (Online)	24, 25	Chapter Modules 24, 25 (6 activities)	<b>EXAM 4: Class Day/Time</b> (Weeks 9, 10, & 11 topics) <b>Quiz 9:</b> Opens 4/3, Closes 4/9
Week 13 4/10	Gastrointestinal & Accessory Organ Function	29, 30, 31, 32	Chapter Modules 29, 30, 31, 32 (4 activities) <b>Wks 12-13 due Sun., 4/16 @ 2359</b>	<b>Quiz 10:</b> Opens 4/10, Closes 4/16
Finals Week	<b>FINAL EXAM: Class Day/Time</b> (Final Exam content: 25% Endocrine & GI; 75% comprehensive)			

**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 can be found at the website below.**

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

**Student Resources and University Policies and Information are provided in Canvas.**