



Spring Semester 2021

NURS 3303.061 Pathophysiology of Acute Care

Faculty:

**preferred method of contact*

Tyler Campus:

Instructor: Lee Johnson, MSN, RN, CPHQ

Section: 3303.061

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Office Hours: By appointment

Semester Credit Hours: Three (3) credit hours

Methodology: on-line course – enrollment limited to concurrent Associate to Baccalaureate nursing students.

Course Description:

This 14 week completely on line course focuses on the etiology, symptomatology and pathology of selected human diseases across the lifespan. Concepts of health promotion, disease prevention, disease progression, and treatment are approached from a cellular and multi-system perspective. Influences of genetic, ethnic, and cultural variables on human diseases are included in content. Course content is structured to stimulate critical thinking.

Prerequisites:

Successful completion of Anatomy and Physiology I, Microbiology, and Chemistry is required. Anatomy II may be taken concurrently with NURS 3303 at UT Tyler. Successful completion of NURS 3303 Pathophysiology is required for acceptance into the UT Tyler BSN program.

Course Learning Objectives:

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

Grading Policy and Criteria

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 in accordance with UTT School of Nursing policy:

- A - 90-100
- B - 80-89
- C - 75-79
- D - 60-74
- F - Below 60

1. The simple ***average of the exam grades before weighted calculation is performed, must be 75% (C) or above*** to pass the course. Exam averages are not rounded up (example: 74.5 -74.9 is not rounded to 75). Once the student has achieves a simple exam average of 75% or higher, the final course grade will be determined based on the weighted calculation of exams and other required course work. Students who do not attain an exam grade average of 75% will not receive credit for other graded course work and the final grade will be based on the simple average of the course exams.
2. Completion of NURS 3303 is based on satisfactory attainment of meeting the course objectives and a passing exam average of at least 75. Students who do not pass NURS 3303 with an exam average of 75 or who fail course expectations must repeat the course before being accepted into the UT Tyler School of Nursing.
3. 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.

Criteria for Evaluation:	Percentage of Final Grade:
5 EXAMS – 17% Each	85%
Weekly quizzes	10%
Davis Advantage Activities	5%

4. **Quizzes:** On-line 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 on-line quizzes. Quiz grades are calculated into the course final grade only after a simple average of 75% is attained on classroom exams.

5. **Davis Advantage Interactive Assignments** - Weekly interactive learning activities are assigned for each module. The activities are located on the FA Davis Advantage website. Students MUST use the access code located inside the cover of the textbook or the access code purchased online from FA Davis to set up an account with FA Davis and to access the assignment content. Student access instructions for the website are posted in Canvas. See the course schedule for assignment due dates. 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 75% is attained on the exams.

Examination and Examination Review Policy

1. Online attendance for exams is mandatory. If absence for an exam is necessary, the student is responsible for notifying the faculty prior to the exam with an acceptable reason.
2. **Exams are computerized** using the Canvas Learning System with ProctorU. Exams taken using Canvas Learning System with ProctorU monitoring require **stable internet connection**, laptop or desktop with a camera and sound. Tablets, Chromebooks, I-phones **cannot** be used for exams in this course.
3. On line tests are monitored by the ProctorU program. ProctorU records audio and visual images of students while taking the exam at home screening for cheating.
4. The use of notes, textbook or other references **is not allowed during exams**. Individual blank pages may be allowed at the discretion of faculty.
5. Exam blueprints and instructions will be posted at least five days in advance of the exam.
6. Hats/caps cannot be worn during an exam. All personal items such as cell phones, purses, books, backpacks, notebooks and briefcases and electronic watches should away from the general testing area. Cell phones must be turned off. Digital electronic watches are not allowed.
7. Make-up exams will be scheduled at the discretion of the faculty. Makeup exams may be in a different format than the original exam. If a student does NOT complete a scheduled makeup exam by the due date, the student will receive a zero on the exam.

Failure to notify the course faculty of the need to take the exam on an alternate date prior to the time that the exam begins will result in a grade of 0 for that particular exam. Make up exams must be scheduled with faculty on the specific campus. Arrangements will be made on an individual basis for completion of exam requirements.

8. Students are allowed to review the correct response to exam items answered incorrectly immediately upon completion of the exam using ExamSoft. An individual exam review with faculty may be scheduled during office hours **within 10 school days** from the entry of grades. After this timeframe, exam review is no longer available. Students who score below 75 on an exam are encouraged to schedule an appointment with faculty and utilize UTT tutoring and nursing student mentor program.
9. Exam content will not be reviewed in class. Discussion of specific content covered on the exam may be reviewed with the class at the discretion of the faculty.
10. **Absolutely NO sharing, recording, writing or replication of an exam question is allowed using any format or method including social media. Sharing exam questions or answers is considered cheating. This includes submitting questions to test/study websites.**

Important Course Dates:

Note: The complete course schedule is available in the Course Canvas site.

Course Dates: January 11 – April 24, 2021

Census Date: January 22, 2021

Last Date to Withdraw: March 23, 2021 Link : <https://www.uttyler.edu/registrar/forms>

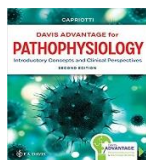
Final Exam Date: See schedule for each section – final week: April 19-24

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.

Required Textbooks/Materials:

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 includes the **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* (2nd 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 – The access code to Davis Advantage web based interactive activities is included with the purchase of the textbook **OR** the digital electronic version (see FA Davis website to purchase the E-book version or UT Tyler bookstore **ISBN 978-1-7196-4009-1**). The access code for Davis Advantage is located inside the front cover of the printed text book.

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 textbooks and Davis Advantage direct from FA Davis using promo code 8D57E7XY

Instant access online at www.fadavis.com use promo code **8D57E7XY**

Instant Access – Digital Text and Davis Advantage: ISBN-13: 978-1-7196-4008-4

Textbook with Davis Advantage code: ISBN-13: 978-0-8036-9411-8

Computer Requirements:

Students must have a reliable laptop or computer with internet access. Chrome or firefox browser is preferred for canvas. Chrome browser works best with Davis Advantage.

***** The PC/laptop must have a video camera for use with proctored exams using proctorU.**

*** Cell phones cannot be used for completion of Davis Advantage assignments

Plug-ins and Helper Applications:

UT Tyler online courses use Java, JavaScript, browser plug-ins, helper application and cookies. It is essential that you have these elements installed and enabled in your web browser for optimal viewing of the content and functions of your online course content. Lecture videos are optimally viewed in high definition.

- Canvas – runs in Firefox or Chrome browser only
- **Adobe Reader** allows you to view, save, and print Portable Document Format (PDF) files. <http://get.adobe.com/reader/>
- **Java Runtime Environment (JRE)** allows you to use interactive tools on the web. <http://www.java.com/en/download/>
- **Adobe Flash Player** allows you to view content created with Flash such as interactive web applications and animations. <http://get.adobe.com/flashplayer/>
- **QuickTime** allows users to play back audio and video files. <http://www.apple.com/quicktime/download/>

Course Schedule and Content Outline

Content Outline: Content to include, but not limited to the list below. It is to the discretion of course faculty member to choose the order of presentation and render changes as needed.

See canvas course for official course calendar with dates:

Course Content by Week

Week1	Cellular Biology, Cellular Changes, Infection, Inflammation
Week 2	Fluids and Electrolytes, Acid Base
Week 3	Genetic Disorders
Week 4	Immune and Abnormal Responses
Week 5	Neoplasms, Blood and Lymph Disorders
Week 6	Reproductive and Integumentary Disorders
Week 7	Cardiovascular Disorders
Week 8	Renal and Urinary Disorders
Week 9	Musculoskeletal Disorders
Week 10	Acute and Chronic Neurological Disorders
Week 11	Respiratory Disorders
Week 12	Endocrine Disorders
Week 13	Gastrointestinal and Accessory Organ Disorders

Expectations of Students in NURS 3303

1. An understanding of anatomy and physiology is presumed. If a student requires review of basic

anatomy and physiology, independent reading is expected. Study guides will focus on terms, anatomy and physiology and pathophysiology of the system under study.

2. Students are expected to have read the assigned text chapters and other printed materials prior to class and come to class prepared for interactive discussion based on the learning objectives.
3. Participation in classroom learning activities will focus on application of concepts presented in the required reading.
4. Students are responsible for all course assignments and content, including announcements posted in Canvas.
5. Lecture outlines (PDF) files are posted in Canvas under each weekly module. The majority of the outlines will be available at the beginning of the semester; print these materials each week and bring to class.
6. All submitted written material (papers, assignments, examinations, etc.) are the property of the UTT School of Nursing. They are maintained in an archived file at the School of Nursing for 1 term after the course grade is assigned

Important Covid-19 Information for Classrooms and Laboratories

Students are required to wear face masks covering their nose and mouth, and follow social distancing guidelines, at all times in public settings (including classrooms and laboratories), as specified by [Procedures for Fall 2020 Return to Normal Operations](#). The UT Tyler community of Patriots views adoption of these practices consistent with its [Honor Code](#) and a sign of good citizenship and respectful care of fellow classmates, faculty, and staff.

Students who are feeling ill or experiencing symptoms such as sneezing, coughing, or a higher than normal temperature will be excused from class and should stay at home and may join the class remotely. Students who have difficulty adhering to the Covid-19 safety policies for health reasons are also encouraged to join the class remotely. Students needing additional accommodations may contact the Office of Student Accessibility and Resources at University Center 3150, or call (903) 566-7079 or email saroffice@uttyler.edu.

Recording of Class Sessions

Class sessions may be recorded by the instructor for use by students enrolled in this course. Recordings that contain personally identifiable information or other information subject to FERPA shall not be shared with individuals not enrolled in this course unless appropriate consent is obtained from all relevant students. Class recordings are reserved only for the use of students enrolled in the course and only for educational purposes. Course recordings should not be shared outside of the course in any form without express permission.

Student Dress Code for the University of Texas, College of Nursing:

General: It is the philosophy of the School of Nursing that the student has a responsibility to be neatly groomed and modestly dressed. Appearances should promote good health, safety and general well-being of the student. Clothing should avoid brevity and/or design that are offensive to the dignity and rights of others. School officials have the right and responsibility to counsel with the student or take any other corrective action

Classroom Appropriate Attire: Casual or every day business wear is recommended. This includes but is not limited to the following: Slacks or skirt; sweater, blouse, and shirt. Jeans as well as conservative shorts (mid-thigh or longer) may be worn, but avoid overly frayed, revealing or soiled. Shoes must be worn.

School of Nursing Policies and Additional Information

Link to UTT Nursing Policies: https://www.utt Tyler.edu/nursing/college/documents/son_student_guide.pdf

University Policies and Additional Information (updated 1/2018)

The following course policies may be found at the website listed below: absence for religious observance, absence for university-supported trips, services to students with disabilities, grade replacement, state-mandated course drop policy, and Social Security and privacy.

<http://www.utt Tyler.edu/academicaffairs/files/syllabuspolicy.pdf>

UT Tyler Honor Code

Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do.

Students Rights and Responsibilities

To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link: <http://www.utt Tyler.edu/wellness/rightsresponsibilities.php>

Campus Carry

We respect the right and privacy of students 21 and over 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.utt Tyler.edu/about/campus-carry/index.php>

UT Tyler a Tobacco-Free University

All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors.

Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products.

There are several cessation programs available to students looking to quit smoking, including counseling, quit lines, and group support. For more information on cessation programs please visit www.utt Tyler.edu/tobacco-free.

Grade Replacement/Forgiveness and Census Date Policies

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. (**Spring 2021 census Date is January 22, 2021**) 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.

The Census Date (**Monday, January 22, 2020**) is the deadline for many forms and enrollment actions of which students need to be aware. These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date).
- Schedule adjustments (section changes, adding a new class, dropping without a "W" grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment.
- Completing the process for tuition exemptions or waivers through Financial Aid.

State-Mandated Course Drop Policy

Texas law prohibits a student 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 another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date).

Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

Disability/Accessibility Services

In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University of Tyler at Texas offers accommodations to students with learning, physical and/or psychological disabilities. If you have a disability, including non-visible a diagnosis such as a learning disorder, chronic illness, TBI, PTSD, ADHD, or you have a history of modifications or accommodations in a previous educational environment, you are encouraged to visit <https://hood.accessiblelearning.com/UTTyler> and fill out the New Student application. The **Student Accessibility and Resources** (SAR) office will contact you when your application has been submitted and an appointment with Cynthia Lowery, Assistant Director Student Services/ADA Coordinator. For more information, including filling out an application for services, please visit the SAR webpage at <http://www.uttyler.edu/disabilityservices>, the SAR office located in the University Center, # 3150 or call 903.566.7079.

Student Absence due to Religious Observance

Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester.

Student Absence for University-Sponsored Events and Activities

If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

Social Security and FERPA Statement

It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

Emergency Exits and Evacuation

Everyone is required to exit the building when a fire alarm goes off. Follow your instructor's directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.

Student Standards of Academic Conduct

Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

- i. "Cheating" includes, but is not limited to:
 - copying from another student's test paper;
 - using, during a test, materials not authorized by the person giving the test;
 - failure to comply with instructions given by the person administering the test;
 - possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed "crib notes". The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test;
 - using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;
 - collaborating with or seeking aid from another student during a test or other assignment without authority;
 - discussing the contents of an examination with another student who will take the examination;
 - divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructors has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student;

- substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment;
- paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about an unadministered test, test key, home solution or computer program;
- falsifying research data, laboratory reports, and/or other academic work offered for credit;
- taking, keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct; and
- misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially

ii. "Plagiarism" includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another's work and the submission of it as one's own academic work offered for credit. 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.

iii. "Collusion" includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.

iv. All written work that is submitted will be subject to review by plagiarism software.

UT Tyler Resources for Students

Faculty Office Hours: These are times when you can meet with your faculty to ask questions about the content, better understand the discipline, make career connections and more. Make use of office hours. Faculty list three hours a week (minimum) that they are available to you and also provide an appointment option if you have class or work during their office hours.

Writing Center: The Writing Center provides all undergraduate and graduate students a place to work on their writing projects and skills. There are tutoring options as well as workshops available to support you in your academic writing. [UT Tyler Writing Center](http://www.uttyler.edu/writingcenter) (903.565.5995), writingcenter@uttyler.edu

PASS Tutoring Center: The PASS Tutoring Center supports a variety of courses. Due to COVID-19, we are asking that you schedule an appointment for your face-to-face tutoring support. Tutoring is also available through Zoom tutoring sessions. Check the website to see the courses supported for the Fall 2020 term.

[UT Tyler Tutoring Center](http://www.uttyler.edu/pass) (903.565.5964), tutoring@uttyler.edu

Supplemental Instruction (SI): SI is a series of weekly peer-assisted study sessions in courses identified by previous students as difficult. Due to COVID-19, SI sessions will be conducted face-to-face and via Zoom this fall. Check the website to see the support courses for the Fall 2020 term.

Upswing (24/7 Online Tutoring): Upswing is a free, confidential, and convenient way to receive help in nearly all of UT Tyler's undergraduate courses.

Robert R. Muntz Library Staff: UT Tyler has an incredible staff of librarians ready to assist you. **Discipline/major library liaisons** are available to support you and you can also schedule appointments for research consultations. In addition, the Robert R. Muntz library's Head of University Archives and Special Collections can assist you with scholarly communications, primary sources, and archive materials. **UT Tyler Muntz Library** (903 566-7343), Library Liaison for Nursing, Suzanne Abbey

Canvas 101: This Canvas course provides you with a wealth of information – including how to navigate in Canvas, use ProctorU (and even take a practice test), tips for being a successful online and hybrid learner, how to use Zoom, and more!

Digital Support Toolkits: Digital Support Toolkits are supplemental materials generated by faculty to help you be successful in targeted courses typically taken by our freshman and sophomore population. Students registered in Digital Support Toolkits supported courses will find these in their Canvas dashboard. You don't have to register – just take advantage of this great resource.

UT Tyler Testing Center: The Testing Center provides securing testing opportunities to meet the needs of students and the community in an environment conducive to student and academic success.

Student Accessibility and Resource (SAR) Office: The SAR Office works to provide students equal access to all educational, social, and co-curriculum programs through the coordination of services and reasonable accommodations, consultation, and advocacy.

Student Counseling Center: The Student Counseling Center supports students in developing balance, resiliency, and overall well-being both academically and personally. They have in person and virtual counseling options. In addition, the Student Counseling Center offers **TAO**, a self-help, completely private online library of behavioral health resources. Sign in to the TAO website using your UT Tyler credentials.

UT Tyler Counseling Center (903.566.7254)