



Summer 2020

## NURS 3303 Pathophysiology of Acute Care

### **Faculty:**

Instructor: Colleen Marzilli, PhD, DNP, MBA, RN-BC, CCM, PHNA-BC, CNE, NEA-BC  
Section: 3303  
Office: BRB Second Floor  
Telephone: (903) 566-7033 office (903) 571-4739 mobile  
Email: cmarzilli@uttyler.edu  
Office Hours: Monday 0900-1200 and by appointment

**Semester Credit Hours:** Three (3) hours didactic

### **Course Description:**

This 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 discussed. Content aims at stimulating 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 achieved 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%
Case Studies	5%

4. **Quizzes:** On-line quizzes will be posted 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 0 points for that 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 for Canvas. Class notes and textbooks may be used for the weekly on-line quizzes. Quiz grades will be calculated into the course final grade only after a simple average of 75% is attained on classroom exams.
5. **Case Studies** - Weekly case studies are assigned for each module. Case study 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. 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. Students are not to be allowed entry into the computer lab after the exam has started unless prior notification and arrangements are made with the faculty.
3. Exams are computerized using Canvas Learning System with ProctorU. Exams by Canvas Learning System with ProctorU monitoring require stable internet connection and working camera.
4. Hats/caps must be removed 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**.
5. Students are not permitted to leave the room during the testing.
6. Make-up exams will be scheduled at the discretion of the faculty. Make-up exams may be in a different format than the original exam. If a student does NOT show up for a makeup exam on the designated date and time, 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.

7. Immediate exam review is not available in the Canvas format. A preliminary grade will be posted immediately following the exam in the Canvas Gradebook with a final grade pending faculty review. An individual exam review with faculty may be scheduled during office hours **within 10 school days** from the entry of final 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.
8. 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.
9. **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.**

## Important Course Dates:

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

Census Date: 5/26/2020

Last Date to Withdraw: 7/17/2020 Link: <https://www.uttyler.edu/registrar/forms>

Final Exam Date: See schedule for specific campus

## 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 include 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. (2016) *Pathophysiology: Introductory concepts and clinical perspectives*. Philadelphia, PA: F.A Davis Company. ISBN 978-0-8036-1571-7. Students may purchase/use either the printed textbook OR the digital version.

## Course Schedule

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, Cardiovascular Disorders Part 1
Week 7	Cardiovascular Disorders Part 2
Week 8	Renal and Urinary Disorders
Week 9	Musculoskeletal Disorders, Acute Neurological Disorders
Week 10	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

## **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 everyday 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.uttyler.edu/nursing/college/documents/son\\_student\\_guide.pdf](https://www.uttyler.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.uttyler.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.uttyler.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.uttyler.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.uttyler.edu/tobacco-free](http://www.uttyler.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. 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 May 26, 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 have 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**

- [UT Tyler Writing Center](mailto:writingcenter@uttyler.edu) (903.565.5995), [writingcenter@uttyler.edu](mailto:writingcenter@uttyler.edu)
- [UT Tyler Tutoring Center](mailto:tutoring@uttyler.edu) (903.565.5964), [tutoring@uttyler.edu](mailto:tutoring@uttyler.edu)



- [The Mathematics Learning Center](#), RBN 4021, this is the open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.
- [UT Tyler Counseling Center](#) (903.566.7254)
- [UT Tyler Muntz Library](#) (903 566-7343), Library Liaison for Nursing, Suzanne Abbey
- c (903.566.7165) email: [sabbey@uttyler.edu](mailto:sabbey@uttyler.edu)