



## RNBS 3303 Pathophysiology of Acute Care Spring 2021

### Internet Course

### Faculty

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### Course Description

RNBS 3303 is a 7 week on- line course that focuses on the etiologic, symptomatologic, and pathologic aspects of selected human diseases across the life span. 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 is analyzed. Content aims at stimulating critical thinking for application to nursing practice.

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

### Course Prerequisites:

Admission to the RN-BSN Track. Special permission is required from the UTT School of Nursing to take courses out of sequence. Co-requisite RNBS 3415, RNBS 3312.  
Successful completion of Anatomy and Physiology 1 & 2, Microbiology, and Chemistry

### Course Learning Objectives

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

1. Discuss the influence of genetic, ethnic, and cultural factors on health promotion and disease prevention, progression and treatment.
2. Integrate knowledge from the biological sciences into the study of the pathophysiology of human diseases
3. Employ select nursing and biomedical research studies in the application of pathophysiologic principles to nursing practice.
4. Correlate the effects of internal and external environmental risk factors with disease development and progression.

5. Discuss the impact of the current body of knowledge in pathophysiology on evidence based nursing practice.
6. Relate diagnostic test findings to both objective and subjective disease symptoms

**Required Textbooks/Materials**

The following are required for this course:

**Syllabus:** NURS 3303: Pathophysiology of Acute Care - located in the canvas course site

**REQUIRED TEXTBOOK:**

Hubert, R, (2018) Gould’s Pathophysiology for the Health Professions (6<sup>th</sup> ed.). Elsevier Saunders. ISBN 9780323414425.

Text available from the UT Tyler Bookstore (order on line) or Elsevier <https://evolve.elsevier.com/cs/>

Textbook in digital format (ebook) – ISBN: 9780323414418

**Course Schedule:** The official course schedule is located in the canvas site in the Start Here module. Students are required to follow the due dates and course content as outlined in the course schedule. Faculty reserve the right to alter the course schedule throughout the semester as circumstances change

General topics by week:

Week	Content
1	Introduction Pathophysiology; Cellular Biology; Aging; Fluid and Electrolytes; Acid Base Balance
2	Inflammation and Healing; Infection; Immune Disorders; Genetic Disorders
3	Hematologic and Oncologic Disorders; Renal and Urinary System Disorders
4	Cardiovascular Disorders, Musculoskeletal Disorders
5	Nervous System Disorders – Acute/Chronic; Pain; Endocrine System Disorders
6	Respiratory System Disorders; Digestive System Disorders
7	Final Week

**Important Dates:**

**Course dates: March 1 – April 24**

Census date: March 5, 2021

Last day to withdraw from course: April 8, 2020

## **Computer Requirements:**

Access to a current, working computer or laptop with internet access using Firefox or Chrome browser is required for this internet based course. The Canvas learning system works best using Firefox or Chrome browsers. Exams are taken in a separate program Examsoft Exemplify and must be taken using a laptop or PC, Microsoft surface pro. **Examsoft will not work with Chrombook, cell phones or iPads. It is essential to have access to a reliable PC/laptop and internet access for this course. Students are required to download the Exemplify exam program on a PC or laptop and use the same device for all exams.**

## **Internet Instructions:**

Course modules are on line in Canvas (see course calendar). UT Tyler online canvas courses use Java, JavaScript, browser plug-ins, helper application and cookies. Canvas works best using Chrome or Firefox browser. 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.

- **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/>

**Examsoft (Exemplify)** – the following anti-virus programs **cannot** be used with this program during exams: Kaspersky, Symantec/Norton, AVG, McAfee, Avast, Webroot. If the PC has these programs running, you must disable them before taking an exam. Instructions and additional information is located in the canvas course.

## **Course Schedule:**

See course schedule in Canvas learning management system.

## **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:

- A - 90-100
- B - 80-89
- C - 75-79
- D - 60-74
- F – 59 and lower

**Final grades are calculated as a weighted calculation of exams, interactive activities and quizzes. The weighted calculation must be a 75% or above to pass the course. Final grades below 75 are not rounded up** (example: 74.5 -74.9 is not rounded to 75).

Final grade is calculated as follows:

Criteria for Evaluation:	Percentage of Grade:
EXAMS (3 exams, 28% for each exam)	80%
Graded Quizzes (4)	15%
Learning Activities	5%

- Learning Activities - This grade represents the percent of completion of the interactive learning activities developed for each module.
- 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 0 points for that quiz. It is recommended that the student take the quizzes on a laptop or PC to avoid technical difficulties in canvas. The UTT IT department recommends using Firefox or Chrome for Canvas applications. *Class notes and textbooks may be used for the weekly on-line quizzes and exams.*
- Evidence of plagiarism on any submitted assignment may result in failure of the course and/or removal from the nursing program. See Scholastic Conduct and Discipline Policy in the current School of Nursing (CON) [Guide for Baccalaureate Students, pp. 44-46.](#)
- *PENALTY FOR LATE WORK* -A deduction of 5 points per day will be taken off assignments that are submitted after the deadline.

#### **EXAMINATION and EXAMINATION REVIEW POLICY**

1. **Exams will be administered online** through ExamSoft (testing software). Students are required to download ExamSoft onto a **reliable PC, laptop prior to the day of the first exam.** **Firefox or Chrome browser is required** for the use of ExamSoft. Instructions for downloading the program is located in the Start Here module. Students may take exams on the UT Campus in the designated computer labs including the computer lab located in the Braithwaite Nursing Building. Examsoft will NOT work on a chromebook device of any type, ipad, cell phone or tablet.
2. **Exams must be taken within the announced timeframe.** Make-up time for an exam will be given at the discretion of faculty. If a student cannot complete an exam during the scheduled timeframe, the student must notify faculty in advance with an acceptable reason. **Failure to notify faculty of the need to take an exam on an alternate date or time will result in a grade of 0 for that exam.**
3. Exam blueprints will be posted to Canvas one week prior to the exam.
4. Students will be able to review the questions missed and correct answer rationale immediately after the exam is completed in Examplify. Exam reviews may be scheduled with faculty during office hours within 10 school days from the return of exam grades if needed.

#### **Expectations of RNBS 3303 Students:**

- a. Students are responsible for all course assignments and content, including announcements posted in Canvas learning management system.
- b. Weekly module content, including video lectures and interactive learning material are posted in Canvas by module. Students are responsible for viewing the lecture video and any other required videos then completing the Check for Understanding activities including the quiz. Completion of ALL components of the interactive learning activities results in a percentage of completion grade

- in the grade center. Completion of the course work for each module is recommended for successful completion of the course.
- c. All submitted written material (papers, assignments, examinations, etc.) are the property of the School of Nursing.
  - d. Late assignments will be accepted at the discretion of faculty. A five (5) point penalty for each day the assignment is late will be applied to the final grade.
  - e. Communication with faculty will be via canvas, phone, scheduled Zoom meetings, UTT Patriot email or scheduled appointment. Students are required to use their student Patriot or Canvas email accounts for all correspondence. Email communication should include NURS 3303 RNBS in the subject line. Students are expected to check their university email at least every two business days. Faculty will respond to email correspondence within two business days.

### **Attendance and Make-up Policy**

Participation is expected. Make-up for exams, quizzes, assignments, clinical time missed is at the discretion of the instructor.

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

Link to UT Tyler School of Nursing Student Guide:

[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)**

These policies apply to all students of the university. Students should access and review these policies at:

<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, quitlines, 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. (Spring second 7 wk census date: March 20). Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.utt Tyler.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 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.utt Tyler.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.
- 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](#) (903.565.5995), [writingcenter@uttyler.edu](mailto:writingcenter@uttyler.edu)
- [UT Tyler Tutoring Center](#) (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 (903.566.7165) email: [sabbey@uttyler.edu](mailto:sabbey@uttyler.edu)