

University of Texas at El Paso
School of Nursing
Fall 2017

COURSE NUMBER AND TITLE: NURS 2402 Pathophysiology

COURSE DESCRIPTION: This course focuses on the altered processes of human physiology. Major emphasis of this course is on the study of pathophysiological processes and their impact on body systems. Alterations in health are studied along with the associated clinical manifestations.

PRE-REQUISITES: Admission into the Phase 2 nursing program.

CREDIT ALLOCATION: 4 Credit Hours

NURS 2402 Faculty:

<i>Instructor</i>	<i>Office</i>	<i>Extension</i>	<i>E-mail</i>
Dr. Franchesca Nunez	340	7226	feoberhelman@utep.edu

Office Hours: Thursdays 0900-1230 (walk-in basis/exam review) and 1300-1600 (appointments only). Students will be required to sign-in for all office visits.

Class Sections:

CRN **12602** 0800-1000 Wednesdays/ Fridays Health Science/School of Nursing Room 206

CRN **12603** 1030-1230 Wednesdays/ Fridays Health Science/School of Nursing Room 206

CRN **18389** 1300-1500 Wednesdays/ Fridays Health Science/School of Nursing Room 206

Seats are limited to the students registered to the specified CRN. Students are expected to attend the course under the CRN registered. Students will not receive credit for exams, quizzes, or activities when attempting to attend a different CRN block than what was registered for.

TEXTBOOKS/RESOURCES REQUIRED:

- Packaged two textbooks together: **ISBN 9781496388964** for the following textbooks
 - Grossman, S. C. & Porth, C. M. (2014). Porth's Pathophysiology: Concepts of Altered Health States (9th ed.). Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins (individual textbook ISBN – 13: 9781451146004)
 - Bruyere, H. J. (2009). 100 Case Studies in Pathophysiology. Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins (individual textbook ISBN – 13: 9780781761451)

TEXTBOOKS/RESOURCES RECOMMENDED:

Grossman, S. C. & Porth, C. M. (2013). Study Guide for Porth's Pathophysiology: Concepts of Altered Health States (9th ed.). Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins (ISBN – 13: 9781451182729)

It is recommended that you refer back (as needed) to your anatomy/physiology, biology, and nutrition textbooks for further explanation on content from previous courses.

COURSE OBJECTIVES:

1. Identify the pathological aspects of the disease process (etiology, pathogenesis, and clinical manifestations) associated with alterations within specific body systems.
2. Discuss and interpret diagnostic and laboratory tests, and their findings, which are used to identify altered health states which occur within various body systems.
3. Apply knowledge of anatomy and physiology to understand / comprehend the physiological changes which occur within disease processes across the lifespan.
4. Develop an understanding of the nursing role in assessing and educating clients who are experiencing various health alterations.
5. Explain how the body physiologically adapts to compensate for the pathophysiological changes which occur with altered states of health.
6. Examine current evidence based practice for identifying and explaining the pathophysiological changes that are associated with selected health alterations.

TEACHING METHODOLOGIES

The course consists of assigned readings, didactic, examinations, quizzes, and on-line activities. **It is the student's responsibility to review material taught in previous courses that may affect learning in this current course (i.e. cellular biology, anatomy, physiology, nutrition).**

STUDENT EMPLOYMENT

The UTEP School of Nursing Undergraduate program courses are very rigorous and time-consuming. Students are strongly encouraged to carefully evaluate their personal and employment commitments to maximize their potential for success.

GRADING POLICY AND STRUCTURE

Rigorous study is required to succeed in the Nursing Program Courses. Multiple hours of preparation are required beyond the classroom periods. Students must be willing to accept this as a condition of succeeding.

Students must pass the course with a minimum of 75% of the weighted average. *There is no rounding of grades and fractional points will be dropped (74.99%=74%=D).* **Extra credit is not available in this course.**

Grading scale:

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

Didactic (All Exams Count Towards the Overall Grade. There is NO Dropping of Lowest Exam. Maximum exam or quiz grade is 100%.)

Exam 1	17 Points
Exam 2	17 Points
Exam 3	17 Points
Exam 4	17 Points
Final Exam	25 Points
Quizzes	7 Points

COURSE POLICIES

Review **Academic Regulations in UT El Paso Undergraduate Studies Catalog** and the School of Nursing Undergraduate Nursing Student Handbook for the following policies: ***Statement on Disability, Student Injury, Class Attendance, Religious Observance, and Policy on Academic Integrity.***

DIDACTIC POLICIES

Attendance

- Students are expected to attend all class sessions and to arrive on time. Students arriving late are asked to enter quietly and unobtrusively. Students are responsible for content and announcements presented in class whether present or not. Student role will be taken each lecture session formally or through a completion of a quiz (if given in the beginning of the learning session).

Student Responsibility

- Students are responsible for all lecture/didactic, assigned reading content, and on-line activities. Preparation for class and participation in class will optimize the student's ability to succeed in the course. **Students must read/review assigned materials prior to lecture in order to be prepared for class and quiz. Students should also engage with on-line (supplemental) resources made available to enhance learning and understanding. Students should take advantage of their previous required textbooks and resources as this course builds upon required previous course content/knowledge. Lecture is presented in case analysis, traditional, and/or activity format. Reading the assigned reading is only one aspect of studying. Nursing is an applied science which means as part of the studying regime, one must thread concepts from the reading through case analysis, course objectives, and unit objectives.**

Examinations

- a. Examinations are scheduled during the semester. Majority of disease processes are multisystem diseases, therefore, previous readings and lecture content may be on the following exams (cumulative and comprehensive). The questions are derived from course content presented during lecture, reading assignments from the textbooks (students are responsible for topics assigned that are not covered in lecture), and on-line activities. Exam questions may be based primarily on hypothetical patient cases directed toward critical thinking skills and reasoning. The course exams emphasis is on comprehension. Recalling prior information from previous courses may be required to aid in selecting the best answer/s effectively. The final exam consist of new and previous content (all weeks). There are no take home exams in this course. Exam grades are not dropped.
- b. All students are expected to take the examinations at the scheduled time. Early exams (prior to the scheduled date) are not allowed. Make-up exams are rarely given and then ONLY when there is a very valid reason with proper documentation and the instructor has been contacted **PRIOR** to class time. Failure to do so will result in receiving a zero ("0") for the exam (see University Catalog, Academic Regulations). All make-up exams will have an automatic 5% deduction. Exams must be made-up at a time specified by the instructor (date not

to exceed the following Tuesday). Proper documentation **must** be provided prior to taking the make-up exam and not after (see proper documentation section). The make-up exam will not be administered without the student providing proper documentation.

- c. Students are assigned a seat for exams. Hats, hoods, computer bags, dark glasses, and ID badges are not permitted during testing. All personal items including books, backpacks, purses, cellphones, PDA's, items with internet capability (which also includes technological/smart watches), and briefcases will be left at the front of the room during exams. All cell phones and pagers must be off (disable vibration mode as well) during exam and at the front of the room. Eyeglasses with technology capability are not allowed in this course. Items at individual desks are limited to pencils, highlighters, and erasers (unless a calculator is provided to you). Scratch paper is not allowed. The instructor reserves the right to not permit snacks and beverages based on how it is packaged. To receive an exam packet, the student must be seated in the assigned seat and following the instructions as stated above. Students arriving late for exams will not have extended time but will complete the exam in the remaining time with the cohort. **A "0" will be assigned to individuals having electronic devices (cell phone, etc...) on their person (claiming the device is off is not an excuse) during an exam (and will be reported to the office of student conduct). The same action will apply if whispering/talking during exam/quiz administration. No one may leave the room during the exams or quizzes.** Students may leave the room after completion of exams.
- d. Exams are timed. Students are encouraged to have their own watch (non-technological/smart) for test time management purposes. Students may write on the exams but it is **only the answers on the scantron (at the end of that timed period) that will be scored for the examination grade.**
- e. Students not submitting (to the course instructor/proctor) the administered exam packet and/or completed scantron form by end of test time or leaves testing room with item/s) will receive a "0" and reported to Office of Student Conduct for compromising test security.
- f. Students may challenge examination questions (on an individual basis) and must provide validation (course textbook, textbook resources, and lecture) of the item challenged either in writing or via e-mail. The examination grades will NOT be final until faculty has reviewed the statistics and student comments. Exam grades are made final one week prior to the next exam. Student copies of the exams will not be allowed outside of the classroom at any time. **Test items (didactic exam) are the property of the faculty, and thus the university; writing down, taking pictures, and/or recording specific test items/answers (also includes quizzes) are NOT permitted. Students will be reported to office of student conduct for compromising test security.**

- g. Students may review the exam, test report, and scantron (all to be returned to the course instructor upon completion of review) with faculty present the following week, during walk-in office hours. Students may review their exam only once unless time permits for a second review and does not impede others from viewing the exam for the first time. **Each exam may be reviewed only up until the prior week of the next exam.** Exams may not be used as study guides for the next exam. Students who do not return the exam packet and/or scantron after reviewing it will receive a “0” for the exam and reported to Office of Student Conduct for compromising test security. Regular exam items will not be in the comprehensive final exam.
- h. The above standards apply to all students including those that take the exam at other approved locations.
- i. Exam grades may take up to one week to be posted on Blackboard.

Lecture Preparedness Quizzes + Syllabus quiz

- Quizzes may be given in paper/pencil format, scantron, Blackboard, or via PowerPoint slides. Item content (anatomy, physiology, pathophysiology [etiology, pathogenesis, clinical manifestations, diagnostics, and lab results, assessment questions, and patient education]) on the quiz will be associated with the current lecture topics of the day and assigned readings (See Calendar for Specifics). Quizzes will be averaged for an overall quiz grade. **THERE IS NO MAKE-UP FOR MISSED QUIZZES. The lowest quiz grade will be dropped when calculating the overall quiz average if attended and completed all quiz sessions. Should one absence occur, the quiz grade will be dropped as the lowest grade (no other grades will be dropped). Two or more absences for quiz sessions will not be excused/dropped, resulting in “0s”.**

Proper Documentation for Excused Absence (Exams Only)

- A health care provider note will be required stating having been seen on that specified exam day or unable to return to school on that day. A primary health care provider is a physician, nurse practitioner, or physician assistant. Should the release be signed by someone other than the specified primary health care provider as stated, it will not be recognized. The document must be original (not a Xeroxed/electronic copy) with a written signature (not a stamped signature). Other types of absences will still require supportive documentation and approved at the discretion of the course instructor. Do not send pictures of flat tires and/or car dents; documentation must be directly tied to the student. Absences deemed as excused will occur when documentation is presented. Course instructor will not engage in approving future student absences.

Blackboard Access

- Students are required to **subscribe to and frequently access the course Blackboard site.** This site is the main source of communication between faculty and students. Students are encouraged to access this site on a daily basis for e-mail and posting

updates. The course syllabus, calendar, and objectives/topical outline of scheduled lectures, assigned readings are posted on Blackboard. Grades will be made available **ONLY** through this site.

Communication

- Communication is the responsibility of both students and faculty. **Communication by email to students will be sent to the student's UTEP email address and not personal email accounts.** Email messages from student's personal email will not receive a response. The course instructor will not respond to emails that are disrespectful, rude, or passive aggressive, but will be forwarded to nursing program administration with potential to be reported to the Office of Student Conduct. The instructor will respond within 24-48 business hours of email being received by end of business day. Faculty will keep students informed of progress in didactic via blackboard; students will inform faculty of any deterrent to their success. Meeting with students will only reflect concerns and issues with N2402 and no other course. **At no time will overall course grades or performance be discussed via e-mail. The student must meet face to face with the course instructor via appointment during open office hours. Students requesting an appointment with the instructor for course performance recommendations are required to complete an "SOS" form (See BB homepage) and submit at time for appointment. Also, students will be required to bring a minimum of the past three weeks of study material and resources. All study materials will be reviewed to make reasonable recommendations for improvement in course success.** Students with concerns/complaints should: *First go to the appropriate faculty member recording the grade (the course instructor). The concern/complain must be in writing. If not resolved, then follow the appropriate chain of command in the sequence as identified below:*

*Director for Traditional Undergraduate
Assistant Dean for Undergraduate
School of Nursing Dean*

Students that have questions, concerns, and/or grade disputes must be submitted in writing via hard or electronic document with proposed solution when requesting resolution from the course instructor. The student must represent themselves only (issues are addressed on an individual basis).

Grievances

- **Challenges to grades may be pursued only on the basis of malice, bias, arbitrary or capricious grade determination or impermissible discrimination.** In no event shall a challenge be pursued only on the basis of the standards employed in setting grades, so long as those standards are employed impartially.

Formal grievances MUST be in WRITING and filed through the faculty member recording the grade, Director for Traditional Undergraduate Education SON, the SON Assistant Dean for Undergraduate Education and the Dean of the SON. Having failed to resolve the matter after consultation with the above persons, the student may consult with and/or file a challenge with the Chairperson of the University Student Welfare and

Grievance Committee.

Professional Behavior

- **Students are expected to behave professionally at all times with faculty, peers, and staff and in any setting (didactic, hallways, open office hours, etc....). Bullying, verbal abuse, insubordination, passive-aggressive behavior, argumentative behavior, or personal attacks will not be tolerated in any form (which also includes social media such as Facebook). Any behavior deemed inappropriate by faculty will result in faculty conference(s), and completion of a SOS plan that addresses the student's areas of needed improvement.** Possible activities available to assist the student in attaining the SOS objectives include stress and/or anger management counseling sessions. **Consistent unbecoming/unprofessional behavior will be addressed through the office of student conduct. Inappropriate behaviors may result in a withdrawal/drop from the course and/or dismissal from the program phase.**
- Review the SON Social Media Policy. This policy also applies to students in Phase 2 Nursing Program.
- The following addresses expectation of infection control, safety, and hygiene applying to classroom. Students are expected to be mindful of personal hygiene and cleanliness of clothing and personal baggage. Clean techniques should be used when coughing, sneezing, and disposing of personal tissues. Students and faculty must be careful to create an image of cleanliness and health, avoiding personal body odors and excessive use of perfumed chemicals. Open wounds with drainage/swelling/ or lacerations should be bandaged for the classroom setting.

Civility Statement

Civility is the art of treating others, as well as ourselves, with respect, dignity, and care. Civility is apparent when we are sensitive to the impact that our communications, practices and behaviors have on others, and when we acknowledge each person's self-worth and unique contributions to the community as a whole.

According to the American Nurses Association, "incivility" is described as:

"Incivility may be exhibited through behaviors such as rudeness, open disdain, passive aggressiveness, bullying, psychological abuse, or deliberate undermining of activities. These types of incivility may lead to a non-supportive learning climate in which students feel pressured by peers to look the other way, and thus fail to support the person experiencing such incivility."

Examples of uncivil behavior are below but not all inclusive (this also applies to social media):

1. **Rude behavior, demeaning, belittling or harassing others (even if using a calm voice and/or including please/thank-you).*******
2. **Rumoring, gossiping about or damaging a classmate/professors reputation (also applies to social media environment)*******
3. **Habitually interrupting as others speak; this includes excessive "side bar"**

conversations during lecture*****

4. **Not paying attention or listening to others who address you; not responding to email, letters or voice mail that requires a reply**
5. **Sending emails that are inflammatory in nature*******
6. **Speaking with a condescending tone**
7. **Yelling or screaming at instructors, peers, or clinical staff*******
8. **Habitually arriving late to class or delaying to prepare for a quiz**
9. **Knowingly withholding information needed by an instructor**
10. **Discounting or ignoring solicited input from instructors/faculty regarding classroom and/or professional conduct**
11. **Overruling decisions without direct discussion and rationale*******
12. Threatening others; this refers to physical threats, verbal/nonverbal threats, and implied threats
13. **Displays of temper tantrums**
14. Using up supplies or breaking equipment without notifying appropriate staff/faculty
15. Rudeness that ultimately escalates into threatened or actual violence
16. **Electronic harassment via email, Facebook, texting, or any other electronic media or devices, refer to the Social Media Policy posted In Blackboard.**
17. Body language demonstrating anger (clenched fists, rolling eyes, leaning forward into personal space, clenched facial features)
18. Walking away during a discussion with faculty

It is important that we ALL have a respectful manner in speech and body language** with each person we come in contact within all personal exchanges with patients, staff, faculty, fellow students, or visitors.**

Scholastic Honesty / Dishonesty

- Students are expected to be above reproach in all scholastic activities. Students who engage in scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and dismissal from the School of Nursing and/or university. "Scholastic dishonesty includes but is not limited to reproducing test materials from memory, copy/paste or Xerox, cheating, plagiarism, collusion, the submission for credit or any work or materials that are attributable in whole or in part to another person, taking an examination for another person, and any act designed to give unfair advantage to a student or the attempt to commit such acts." Regents' Rules and Regulations, Part One, Chapter VI, Section 3, Subsection 3.2, Subdivision 3.22. Since scholastic dishonesty harms the individual, all students, and the integrity of the School of Nursing and the university, policies on scholastic dishonesty will be strictly enforced. See detailed procedure in the Handbook of Operating Procedures (HOP) available in the Office of the Dean of Students.

Policy relating to Accommodations:

- It is the responsibility of the student to identify any limitations they may have in completing course expectations. Nursing students with limitations are advised to discuss these matters with the Center of Accommodations and Support Services (CASS) to

determine if reasonable accommodations could be provided. Written guidelines r/t accommodations from the Center of Accommodations and Support Services must be submitted to the course instructor. More information is available at www.utep.edu/cass

Retention: Students Opting for Success (SOS)

- When a student is not progressing in the course as expected, it is recommended that the student complete an SOS form. **It is the student's responsibility to initiate the SOS when requesting to meet with the instructor regarding concerns about course grade/s. The student must bring their completed SOS form to the meeting during open office hours/appointment. Students must complete the form and provide it for the appointment to take place. Students requesting help must present all their tools used for studying for examination (three weeks worth).** The Students Opting for Success Plan form will identify recommendations for improving the student's success. Completing recommendations does not guarantee a passing grade.

Laptops - Use of laptops during class is permitted. If you do use a laptop during class:

- Set your laptop volume control to mute or off before coming to class.
- Do not engage in unauthorized communication or entertainment (web surfing, instant messaging, chat room chatting, DVD viewing, music playing, game playing, etc.) during class unless it is part of the lesson. Such unauthorized use will result in student receiving an unexcused absence for that day with all assessments/exams/quizzes recorded as a zero.

Cell Phones / PDA's/ Electronic Devices

- Set your phone to mute or silent mode before coming to class.
- Cell phones will not be allowed for any use in class (no phone calls).
- Video recording of the lecture/class is **not** permitted.
- Recording via technology enabled eyeglasses is not permitted
- Audio recording of the lecture/class is permitted. The instructor is not responsible for students' recording devices. Due to class/lecture not being a private individual environment and the approval of audio recording, personal course grades and personal issues will not be discussed during lecture/class time.

STUDENT RESOURCES:

Academic Coaching/Tutoring for N2402 is made available via teaching assistance supported by the Center of Simulation. Days and time vary; however, notifications will be made through BB announcements.

Tutorial Services: The Tutoring and Learning Center is located in the UTEP Library, 3rd floor (747-5366). Free services are available including peer tutoring and individualized assistance.

Reading Comprehension Issues: <http://at.utep.edu/reading/>

Entering New Student Programs: <http://academics.utep.edu/Default.aspx?tabid=75844> 747-7618

The Center for Accommodations and Support Services: <http://sa.utep.edu/cass/> 747-5148

University Counseling Center (Seminars & Workshops): <http://sa.utep.edu/counsel/> 747-5302

NON-SMOKING UNIVERSITY CAMPUS:

The use of tobacco products (including but not limited to cigarettes, cigars, pipes, water pipes, bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco or all other tobacco products) is prohibited in university buildings, grounds, sidewalks, walkways, and university-owned property and applies to all students, faculty, staff, contractors, and visitors. For more information, visit: www.tobaccofree.utep.edu.

***Syllabus is subject to change, students will be notified as soon as the modification has occurred.**

Business day = Monday to Friday 0800-1700 (non-designated holidays)