

University of Texas at El Paso  
School of Nursing  
Summer 2018

**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:**

Instructor	Office	Extension	E-mail
Dr. Franchesca Nunez	340	7226	<a href="mailto:feoberhelman@utep.edu">feoberhelman@utep.edu</a>

**Office Hours:**

Tuesday - 1000 and ending at 1300 (walk-in basis)

Wednesdays and Fridays – 1230 and ending at 1345 (walk-in basis)

**Class Sections:**

CRN **35373** 0900-1130 Wednesdays/ Fridays Health Science/School of Nursing Room 206

CRN **35374** 1430-1700 Wednesdays/ Fridays Health Science/School of Nursing Room 217

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:**

- The two textbooks may be purchased as a package set at UTEP (ISBN – 13: 9781496388964)
  - Grossman, S. C. & Porth, C. M. (2014). Porth's Pathophysiology: Concepts of Altered Health States (9<sup>th</sup> 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 (9<sup>th</sup> ed.). Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins (ISBN – 13: 9781451182729)

**Refer back to your anatomy/physiology, biology, and nutrition textbooks for further explanation on content from previous courses.**

**COURSE OBJECTIVES:**

1. Explain 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, polling, 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	<b>23 Points</b>
Exam 2	<b>23.5 Points</b>
Exam 3	<b>23.5 Points</b>
Final Exam	<b>25 Points</b>
Quiz Average	<b>5 Points</b>

## 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, Religious Observance, and Policy on Academic Integrity.

## DIDACTIC POLICIES

### Attendance

- Students should attend all class sessions and arrive on time. If arriving late, enter quietly and unobtrusively. Students are responsible for content and announcements presented in class whether present or not. Student roll, quiz (given in the beginning of the learning session), and/or polling serve as methods for determining student course attendance and/or course engagement.

### Student Responsibility

- Students are responsible for all lecture/didactic content, 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. Be prepared for class, quizzes, and polling by completing the assigned readings, videos, and on-line practice questions prior to class time. Engage with on-line (supplemental) resources made to enhance learning and understanding of course content. Students should take advantage of their previous required textbooks and resources as this course builds upon required previous course content. Course instructor uses case analysis with minimal traditional methodology for classroom time. 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 content, course objectives, unit objectives with focus topics, and textbook resources. This aids in comprehension of content.

### 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. There are no open book or open notes exams in this course. The overall course grade consist of all exam grades and quiz

average (no dropping of exam grades).

- b. All students are expected to take the examinations at the scheduled time. Early exams (prior to the scheduled date) are not allowed. All students are expected to take the examinations at the scheduled time. Make up exams are rarely given and then ONLY when there is a valid reason (with appropriate documentation) and the course manager has been contacted PRIOR to class time. Failure to do so will result in receiving a zero (0) for the exam. Make-up exams will be different than the scheduled exams given in class to include fill in the blank and essay questions. 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).
- c. Students are assigned a seat for exams. Hats, hoods, computer bags, dark/sun glasses, and ID badges are not permitted during testing. All personal items including books, backpacks, briefcases, purses, eyeglass cases, pencil bags, cellphones, electronic devices, items with internet/smart capability (which also includes technological/smart watches, pens, eyeglasses, blue tooth devices), will be left at the front of the room during exams. All cell phones and electronic/smart devices must be off (disable vibration mode as well) during class and placed in the front of the classroom. Eyeglasses with technological 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 (e.g. paper bag). To receive an exam packet, sit in the assigned seat and follow the instructions 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 an exam or quiz. Students may leave the room after completion of the exam.
- d. All exams and quizzes have a timeframe for completion. Students are encouraged to have their own watch (non-technological/smart) to address time management. Students may write on the exams. **The examination grade solely consists of the answers reported on the scantron sheet.**

- e. Students may challenge examination/quiz items (during open office hours) and must provide validation (N2402 course textbooks, N2402 textbook resources, and lecture) of the item via e-mail. The examination grades will NOT be final until faculty has reviewed the statistics and student comments. Exam grades are made final the week of the next exam. Student copies of the exams will not be allowed outside of the classroom at any time. Test/quiz items (didactic exam) are the property of the School of Nursing and 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. Requesting examples of previous exam versions to purchase, as a form of a study guide, is unethical.
- f. During walk-in office hours, students may review the exam and test report (all to be returned to the course instructor upon completion of review) with faculty present. Original scantron sheet will be provided upon request. There is no writing on the scantron form. Note taking during exam review is not allowed. 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. Students are limited to 20 minutes to reviewing exam. Use of phones or other technological devices are not permitted during review. Students accessing their phone during the review have terminated their review session. Students must have phones stowed away during exam review. Each exam may be reviewed through the week before the next exam (See Calendar). Exams may not be used as study guides for the next exam. Quizzes are reviewed in class. To review the quiz, students must attend class. Quizzes may not be used as study guides for the next exam.
- g. The above standards apply to all students including those that take the exam at other approved locations.
- h. Exam grades may take up to one week to be posted on Blackboard.

### Lecture Preparedness Quizzes

- Quizzes may be given in paper/pencil format, scantron, or Blackboard. 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 topic/s 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.** Students attending and completing all quiz sessions will have the lowest quiz grade dropped. A grade of "0" are recorded for quiz absences. **Should one absence occur, the quiz grade for that missed day 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". Quiz grades are finalized five business days once posted.**

- Hats, hoods, computer bags, dark/sun glasses, and **ID badges** are not permitted during quiz sessions. All personal items including books, backpacks, briefcases, purses, eyeglass cases, pencil bags, cellphones, electronic devices, items with internet/smart capability (which also includes technological/smart watches, pens, eyeglasses, blue tooth devices), will be placed under the desk/table. Items at individual desks are limited to pencils, highlighters, and erasers (unless a calculator is provided to you). Scratch paper is not allowed.
- Questions for polling are not included in the quiz and quiz grade.

**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 accepted. 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.

**iClicker Reef (Polling)**

- Students who do not have an existing REEF account, need to go to [iclicker.com/students](http://iclicker.com/students) (see document on BB) or download the iClicker Reef Student app from the App Store or Google Play to sign up for a Reef student account. iPad users need to change the search to iPhone App. You should **use your university email address** (@miners.utep.edu) when creating your account. If you need to change your email address, or password, edit your account profile. Do **not** create and use more than one Reef account, as you will only receive credit from a single account.
- **Note:** You will not need to purchase a subscription to use iClicker REEF this

semester because it is provided to you for free.

### 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 open office hours. Students requesting course performance recommendations are required to complete an "SOS" form (See BB homepage) and submit during open office hour visits. In addition, students will be required to bring a minimum of the past three weeks of study material and resources including both textbooks. All study materials will be reviewed to make reasonable recommendations for improvement in course success. Course performance recommendation meetings are limited to 10 to 15 minutes. Meetings for students requesting recommendations must complete SOS and provide their study material otherwise the student will have to return on another open office hour day when prepared for the meeting.
- Students with grievances/concerns/complaints should:
  1. *Go to the appropriate faculty member recording the grade (the course instructor). All complaints must be formally submitted in writing to the course instructor. If complaint is not satisfactorily resolved, then follow the appropriate chain of command and all formally submitted written complaint information will be submitted to administration (following chain of command)*
  2. *Director for Traditional Undergraduate*
  3. *Assistant Dean for Undergraduate*
  4. *School of Nursing Dean*

Students that have questions, concerns, and/or grade disputes must submit it via email with proposed solution when requesting a resolution from the course instructor. The student must represent themselves only (issues are addressed on an individual basis). At no time will course instructor engage in discussing other student performance/grades with students. Students complaining with "we, us, or group" and reporting grades may be a reportable offence. It is unacceptable to pressure students



in reporting their grades to other students.

### **Professional Behavior (Civility)**

- 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 being directed to leave the classroom (if occurring in class), scheduling of a faculty-student conference(s), and completion of a SOS plan that addresses the student's areas of needed improvement. 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. Students directed to leave the classroom for the day due to unprofessional behavior (incivility) will receive a "0" as a quiz grade for that day (no matter what the initial grade was).
- Students demonstrating incivility during office hours will be directed to leave the office.
- 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 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 incivility include 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, failing to attend a required student-instructor meeting
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. Rudeness that ultimately escalates into threatened or actual violence
15. Electronic harassment via email, Facebook, texting, or any other electronic media or devices, refer to the Social Media Policy posted In Blackboard.
16. Body language demonstrating anger (clenched fists, rolling eyes, leaning forward into personal space, clenched facial features)
17. Students displaying lack of boundaries by speaking to faculty/staff as if they are supervisors (e.g. requesting cohort information)
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 a drop in in a letter grade (e.g. B to a C), failure in the course, and/or dismissal from the School of Nursing phase 2 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. **A grade of "I" for the overall course will be recorded when the investigation by the Office of Student Conduct is still open (conclusion pending). This may lead to missing the ranking for Phase 3 of the nursing program.**

- **The following activities (compromising a test) are reportable to the Office of Student Conduct:**
  - Students who do not return the exam packet and/or scantron after reviewing it. **A grade of "0" will be recorded for the exam.**
  - 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). **A grade of "0" will be recorded for the exam.**

#### **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](http://www.utep.edu/cass)
- It is the responsibility of the student to meet with the course instructor to discuss the accommodations within the week of the course notification.
- It is the responsibility of the student to make exam appointments with CASS, 72 business hours prior to the exam date/time. Late appointments made by students will not be permitted.

#### **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. Students must complete the form (prior to meeting) and provide it. Students requesting help must present all their tools used for studying for examination (three weeks worth).** Students are expected to be prepared for the

meeting.

**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 a quiz 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) unless used in audio recording mode or for polling.
- 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 or breaks.

### **STUDENT RESOURCES:**

Academic Coaching/Tutoring for N2402 via teaching assistance supported by the Center of Simulation may be available when staffed. Days and time vary; however, notifications will be made through BB announcements. Scheduling of tutoring sessions is dependent on the tutor's availability.

**(In addition) 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: <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](http://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)**