Texas A&M University - Corpus Christi  
College of Nursing and Health Sciences

NURS 4231.001 PATHOPHYSIOLOGY/PHARMACOLOGY I  
Syllabus  
Fall 2019

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Class Meeting Time: Wednesdays 11:00 – 1:30, August 28 – October 9  
Location: IH 164  
CREDITS: 2 semester hours (2:0)

1. **Course Description:** Pathophysiology/Pharmacology I (2 SCH): The course integrates anatomy, chemistry, microbiology, genetics/genomics, and psycho-neuro-immuno-endocrinology to explore physiologic and neurobehavioral alterations that occur in response to internal and external changes across the lifespan. Pharmacological concepts and interventions are explored as one strategy to promote health. Course content aligns with Biobehavioral Nursing Concepts II & III.

2. **Course Purpose Articulated/ Audience Defined**  
The purpose of this course is to help accelerated BSN students become competent practitioners and develop skills of reflective practitioner to expand expertise in practice to designated populations.
3. Pre-Requisites Defined
   This is a second semester course.

4. Student Learning Outcomes
   a. Develop foundational knowledge of physiologic and neurobehavioral alterations that occur in response to internal and external changes across the lifespan.
   b. Develop foundational knowledge of pharmacological concepts and interventions as one strategy to promote health and respond to physiologic and neurobehavioral alterations.
   c. Build a practical understanding of various pharmacokinetic and pharmacodynamic processes.
   d. Articulate principles of patient education regarding drug therapy.
   e. Use sound, evidence-based resources for professional and consumer drug information.
   f. Explore strategies employed for patient protection during the preparation and administration of medications.
   g. Describe nursing practice and implications associated with drug therapy.

5. Major Course Requirements

   Participation/Professionalism: Student engagement is essential for baccalaureate learning. Demonstration of behaviors that exemplify expectations of the professional nurse and life-long learning is expected.

   Exams X 3: Three exams will be administered throughout the course to periodically evaluate student mastery of content.

   Exemplar / Concept Assignments: As part of a concept-based curriculum. Course content is guided by course specific concepts. A variety of activities will demonstrate student mastery of essential concepts including but not limited to: writing assignments, group activities, presentations, and demonstrations.

6. Required Readings
   c. Open Educational Resources

7. Evaluation (Grading) Criteria Included
Evaluation is a mutual on-going process providing the student and faculty with feedback regarding their performance in achieving course objectives.

**Grading Determinants:**
Participation/Professionalism (Discussions/Journals/Attendance) 5%
Exams x 3 60%
Exemplar / Concept Assignments 15%
Exam success Activities 20%

100%

To pass this course and progress, the student must obtain a grade of at least 75% (C).

The grading scale for the College of Nursing and Health Sciences is:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>90 – 100</td>
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<tr>
<td>B</td>
<td>83 – 89</td>
</tr>
<tr>
<td>C</td>
<td>75 – 82</td>
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<tr>
<td>D</td>
<td>67 – 74</td>
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<tr>
<td>F</td>
<td>below 67</td>
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8. **Course Policies**

*Attendance/tardiness*
Attendance will be documented at every class. Class participation is a component of the overall course and often is indicative of student performance. Tardiness shows a lack of respect for your peers and your faculty. Students who are tardy will not be admitted to class and will count as a class absence. Absences from more than 3 classes may result in a reduction in class grade of one level, for example, from an A to a B. Persons leaving or asked to leave prior to the end of class, or at any time during class, will be counted absent. Although there are no excused class absences except for official university business, persons who are ill should be courteous to classmates and not attend class.

*Late work and Make-up Exams*
Work submitted late will be subject to point deductions as follows:

- 10 points will be deducted for submissions up to 1 week after the due date.
- A grade of zero will be awarded for any submissions greater than 1 week late.

In the event that a student is aware they may need to submit an assignment late due to illness or other circumstances, it is the student’s responsibility to inform the professor prior to the due date. Deductions for late assignments with special circumstances and notification before the due date may be waived. Make up exams will only be offered in extenuating circumstances.

*Technology*
The iPad devices are a substantial part of interactive learning in the classroom. It is therefore required that students come to class with their iPad device and iPencil fully charged. It is recommended to bring charging cables to class. It is the student’s responsibility to replace lost pencils or iPad devices. iPad devices are your tools for learning and will be used in the classroom for this purpose. During class time, iPad devices are not to be used for other activities including but not limited to checking personal email, browsing social media, and online shopping unless otherwise directed to do so. Other technology may be used in the classroom, for learning purposes at the discretion of the faculty.

**Academic Integrity/Plagiarism.**
University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or examination materials, falsification, forgery, complicity or plagiarism. (Plagiarism is the presentation of the work of another as one’s own work.) In this class, academic misconduct or complicity in an act of academic misconduct on an assignment or test will result in report to the Academic Integrity Committee for review.

**Dropping a Class**
I hope that you never find it necessary to drop this or any other class. However, events can sometimes occur that make dropping a course necessary or wise. **Please consult with your academic advisor, the Financial Aid Office, and me, before you decide to drop this course.** Should dropping the course be the best course of action, you must initiate the process to drop the course by going to the Student Services Center and filling out a course drop form. Just stopping attendance and participation WILL NOT automatically result in your being dropped from the class.

**Preferred methods of scholarly citations**
Scholarly citations are to be cited using the Publication manual of the American Psychological Association (6th ed.), a required resource.

**Statement of Civility**
Texas A&M University-Corpus Christi has a diverse student population that represents the population of the state. Our goal is to provide you with a high quality educational experience that is free from repression. You are responsible for following the rules of the University, city, state and federal government. We expect that you will behave in a manner that is dignified, respectful and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation or disability. Behaviors that infringe on the rights of another individual will not be tolerated.

**Grade Appeals**
As stated in University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may...
appeal the final grade given in the course. The burden of proof is upon the student to
demonstrate the appropriateness of the appeal. A student with a complaint about a grade is
couraged to first discuss the matter with the instructor. For complete details, including the
responsibilities of the parties involved in the process and the number of days allowed for
completing the steps in the process, see University Procedure 13.02.99.C2.01, Student Grade
Appeal Procedures. These documents are accessible through the University Rules Web site at
http://www.tamucc.edu/provost/university_rules/index.html. For assistance and/or guidance
in the grade appeal process, students may contact the Dean’s office in the college in which
the course is taught or the Office of the Provost.

Disabilities Accommodations*
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that
provides comprehensive civil rights protection for persons with disabilities. Among other
things, this legislation requires that all students with disabilities be guaranteed a learning
environment that provides for reasonable accommodation of their disabilities. If you believe
you have a disability requiring an accommodation, please call or visit Disability Services at
(361) 825-5816 in Corpus Christi Hall 116.

If you are a returning veteran and are experiencing cognitive and/or physical access issues in
the classroom or on campus, please contact the Disability Services office for assistance at
(361) 825-5816.

Statement of Academic Continuity
In the event of an unforeseen adverse event, such as a major hurricane and classes could not
be held on the campus of Texas A&M University–Corpus Christi; this course would continue
through the use of Blackboard and/or email. In addition, the syllabus and class activities may
be modified to allow continuation of the course. Ideally, University facilities (i.e., emails,
web sites, and Blackboard) will be operational within two days of the closing of the physical
campus. However, students need to make certain that the course instructor has a primary and
a secondary means of contacting each student.

Title IX
As part of the Texas A & M Corpus Christi University policy, pregnant students are urged to
contact the Title IX office for facilitation of academic issues impacted by pregnancy, delivery
and subsequent complications. Contact information: Mr. Samuel Ramirez, Title IX
Coordinator or Ms. Rosie Ruiz, Deputy Title IX Coordinator (825-5826)

Active Military Duty
Active duty military personnel, military spouses, and veterans with special circumstances
(e.g: deployment, drill requirements, disabilities) are welcome and encouraged to
communicate these, in advance if possible, to the course and clinical instructor.

Support Services
Students are encouraged to seek faculty assistance in accessing University Services,
including tutoring, health services, personal counseling, degree counseling, financial aid,
learning resources, job/work placement, career guidance, and computer/technical support/instruction. If a student is interested in other support services provided by the University, the student is encouraged by the College of Nursing and Health Sciences and the University to seek these services.

9. Suggested Course Outline or Topics

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<thead>
<tr>
<th>Week in Semester</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1</td>
<td>Perfusion, Gas Exchange, Clotting</td>
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<tr>
<td>2</td>
<td>F&amp;E, Acid -Base</td>
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<td>3</td>
<td>Hormonal Reg, Glucose Reg</td>
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<td>4</td>
<td>Inflammation, Tissue Integrity, Immunity, Pain</td>
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<tr>
<td>5</td>
<td>Thermo Reg, Intracranial Reg</td>
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<tr>
<td>6</td>
<td>Cellular Reg, Infection, Palliative Care, Pain</td>
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<tr>
<td>7</td>
<td>Final Assessment</td>
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</tbody>
</table>

*Required by SACS or HB2504

**Syllabus Disclaimer:** While the provisions of this syllabus are as accurate and complete as possible, the faculty reserves the right to change non-critical aspects of the course to accommodate emergencies, unexpected technical problems, or any unforeseen circumstances. Such changes will be announced as soon as feasible and will be communicated by course email or announcements via Blackboard. *It is the STUDENT’S responsibility to keep abreast of course announcements.* Questions regarding course requirements should be addressed when the syllabus is received, within the first week of the course.

The Texas A&M University Corpus Christi: TAMUCC College of Nursing and Health Sciences Student Handbook is available online: [http://conhs.tamucc.edu/shb](http://conhs.tamucc.edu/shb)

The handbook and syllabus should be reviewed before signing the receipt form.
The following receipt form must be signed and returned within the first week of classes.

Student Handbook Receipt & Statement of Syllabus Understanding Form

I have reviewed a copy of the College of Nursing and Health Sciences Student Handbook located on the college website and the course syllabus. I have been provided an opportunity to clarify questions. Receipt form must be signed and submitted to the course faculty. I understand the expectations set forth in the NURS 4231 course syllabus and the CONHS Student Handbook.

____________________________
Student Name (Print)

___________________________     ___________
Student Signature     Date