

2016

364-02-03 Pathophysiology

Debra Van Kuiken
vankuikend@xavier.edu

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Van Kuiken, Debra, "364-02-03 Pathophysiology" (2016). *Nursing Syllabi Spring 2016*. 102.
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Xavier University
College of Professional Services
School of Nursing
Spring 2016

Course Number & Title: NURS 364 -02 and 364-03: Pathophysiology

Number of Credits: 3 credits

Pre-requisites: BIOL 140/141, BIOL 142/143, and CHEM 150/151

Co-requisites:

Course Description:

The relationship of normal body functioning to physiological changes associated with dysfunction of an organ or organ system is discussed. General concepts of disease processes are addressed in order to provide rationale for diagnosis and health-illness transitions.

Course Objectives:

Course Objectives	Essentials
1. Discuss the interrelationships of normal body systems and the maintenance of homeostasis	I: Liberal education for baccalaureate generalist nursing practice
2. Explain the impact of lifestyle, environment, culture, ethnicity and genetic makeup of individuals experiencing health-illness transitions.	VII: clinical prevention and population health
3. Describe the basic concepts of pathophysiology at the cellular level related to injury, self-defense mechanisms, mutation, and cellular proliferation	I: Liberal education for baccalaureate generalist nursing practice
4. Analyze the effects of disease states and abnormal functions upon the organ(s) associated with disease processes of targeted body systems.	I: Liberal education for baccalaureate generalist nursing practice
5. Explain the manifestations of organ and systems failure related to various disease states.	IX: Baccalaureate generalist nursing practice
6. Identify pertinent biomarkers of individuals experiencing health-illness transitions.	IX: Baccalaureate generalist nursing practice
7. Recognize various signs and symptoms related to decompensation and complications of various disease states.	IX: Baccalaureate generalist nursing practice

Class times: Please note the time for your specific section:

NURS 364-02 MWF 2:00pm-2:50pm

NURS 364-03 MWF 10:00am-10:50am

Faculty: Debbie (Debra) Van Kuiken, PhD, RN
Cohen 126
Phone: office: 745-3042; cell: 502-4705
E-mail: vankuikend@xavier.edu (preferred)

Collin Dadosky, RN BSN (Teaching Asst.)
Cohen 112
Cell: 513-389-6356
Email: dadoskyc@xavier.edu
Office Hours: By appointment and following class

Required Text:

Huether, S. E., & McCance, K. L. (2012). *Understanding Pathophysiology* (5th ed.). St. Louis, MO: Mosby Elsevier.

Many additional resources are available on Canvas and through the evolve website for this textbook. I encourage you to take advantage of those resources.

Methods of Instruction:

This course will be taught with the expectation that all students have prepared for class. **The students should be prepared for class by reviewing the text materials for that class, viewing videos, and looking over the powerpoint.** Class time will be spent exploring the understanding of the materials.

Lecture, activities, clickers, discussion, exams, self-study guides, and videos; student must access Canvas.

Attendance Policy:

All students have something of value to contribute to the class as well as to the education of others. It is our professional responsibility to share the benefit of our knowledge with our colleagues. Thus, **attendance and active participation in the class is expected.** Should it be necessary to be absent from class, it is the student's responsibility to inform the course faculty member of needed absences **prior** to the class meeting.

Methods of Evaluation

Exam 1-----	15%
Exam 2-----	15%
Exam 3-----	15%
Exam 4-----	15%
Exam 5 -----	15%
Final Exam -----	20%
Class Preps (Post to canvas before the start of class on due dates) -----	<u>5%</u>
	100%

Final Exam

The final exam for this course is scheduled for the following times:

NURS 364-02 Wednesday, May 4, 2016 from 2:00p-3:50p

NURS 364-03 Wednesday, May 4, 2016 from 10:00a-11:50a

Grading Scale:

A	94-100	C-	70-74
A-	90-93	D+	67-69
B+	87-89	D	64-66
B	84-86	D-	60-63
B-	80-83	F	<60
C+	77-79		
C	75-76		

* **Passing grades will be rounded to the nearest whole number from the hundredth's position of the decimal, however Grades lower than a 75.00% will not be rounded and will be considered non-passing for progressing in the Nursing program.**

Class Prep Assignments:

Class Preps are posted on Canvas. Completed class preps will be submitted to Canvas assignments before 10:00am on the due date. Students will bring the prep to class to refer to during class discussions. Students will be called upon to discuss prep materials. Each class prep assignment is worth 10 points with 5 points given for completion of each question and 5 points for depth and detail of answers. Five (5) points will be deducted if assignment is received up to 24 hours late. If assignment is received after 24 hours late, no points will be given for that prep.

Exams:

There will be 5 regular exams, one final exam,. Exam questions may be in the form of multiple choice, multiple answer, ordering, short answer, matching, or brief essays. Exams will be cumulative with 90% questions covering new material, and 10% questions from previous material. The final exam will be comprehensive with 40% new material and 60% from materials from exams 1- 5.

Your attendance at the scheduled time for all exams is expected. Any exception must be authorized by the faculty member **prior** to the time of the exam. Failure to do this may result in being prohibited from taking the test and/or reduction in grade. Make up exams must be completed within one week. Late exams will be at the discretion of the faculty member and will differ in structure from the exam given at the scheduled time.

Assistance:

Assistance is available after class, by email, or by appointment. **Do not wait until the last minute if you are experiencing difficulty.** It is VERY difficult to “catch up” once you are behind. Please contact the instructor for advice regarding additional resources or special assistance. The learning assistance center is also a resource for you with study groups and possible tutors, take advantage of those resources early. All students are expected to visit with the course faculty member or schedule an appointment with questions or concerns.

Canvas:

Class syllabus, calendar, and powerpoints will be posted on Canvas. There will also be additional materials, such as web sites and journal articles; these are supplemental materials to help you understand the material.

Professionalism:

Class members are expected to participate in an atmosphere of respectful collegiality in the class setting. Individual discussions should be handled outside of class time. **Cell phones and computers are to be turned off and put away during class.** Other potential distracters, such as sidebar conversations, should be avoided to ensure that the learning environment is optimal for all students and faculty.

XU Academic Honesty Policy:

The pursuit of truth demands high standards of personal honesty. Academic and professional life requires a trust based upon integrity of the written and spoken word. Accordingly, violations of certain standards of ethical behavior will not be tolerated at Xavier University. These include theft, cheating, plagiarism, unauthorized assistance in assignments and tests, unauthorized copying of computer software, the falsification of results and material submitted in reports or admission and registration documents, and the falsification of any academic record including letters of recommendation. **All work submitted for academic evaluation must be the student's own.** Certainly, the activities of other scholars will influence all students. However, the direct and unattributed use of another's efforts is prohibited, as is the use of any work untruthfully submitted as one's own. Penalties for violations of this policy may include one or more of the following: a zero for that assignment or test, an "F" in the course, and expulsion from the University. The dean of the college in which the student is enrolled is to be informed in writing of all such incidents, though the teacher has full authority to assign the grade for the assignment, test, or course. If disputes of interpretation arise, the student, faculty member, and chair should attempt to resolve the difficulty. If this is unsatisfactory, the dean will rule in the matter. As a final appeal, the academic vice president will call a committee of tenured faculty for the purpose of making a final determination.

In addition to The Academic Honesty Policy of Xavier University, the American Nurses' Association's Code of Ethics includes provisions which hold nurses accountable for demonstrating integrity, knowledge development and competency to promote personal and professional growth. Students are expected to work toward meeting these standards throughout their coursework.

Students with Disabilities

Qualified students with disabilities who will require disability accommodations in this class are encouraged to make their requests to me by sharing their Accommodation Letters with me at the beginning of the semester either during office hours or by appointment. Disability related information is confidential. If you have not previously contacted Disability Services, I encourage you to do so by phone at 513-745-3280, in person on the Fifth Floor of the Conaton Learning Commons, Room 514, or via e-mail to Cassandra Jones at jonesc20@xavier.edu, to coordinate reasonable accommodations as soon as possible as accommodations are not retroactive.

Office of Student Success: The Staff in the Office of Student Success is available to assist students to make the most of their Xavier experience. Personal staff consultations, success coaching, referrals to on-campus Solution Centers, and guiding students to effectively navigate their college experience are central to our work. Please visit www.xavier.edu/student-success to learn more or visit us in the Conaton Learning Commons.

Location: 514 Conaton Learning Commons

Phone: 513-745-3036

Email: studentretention@xavier.edu

Social Media: Social media and the internet provide an important medium for sharing information and offers easily accessible methods for mass communication. Nursing students must be aware of the risks and consequences associated with social networking. On-line social networking (e.g., Face book, MySpace, Twitter, blogs, etc.) are open, publicly accessible sites. Unprofessional or unbecoming online behavior undermines not only the nursing student's reputation, but may also have negative implications for Xavier University, and the profession of nursing. Certain violations in the use of social media may expose the offender to criminal and civil liability. Refer to the student handbook or the handbook policy addendum for more information and to view the Social Media Policy <http://www.xavier.edu/nursing/current-students.cfm>

Caveat:

The schedule and procedures in this course are subject to change at the discretion of the instructor in the event of extenuating circumstances as well as class learning needs.