Instructor: Drew Case  
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Prerequisite Courses:
No prerequisites are required. It is however assumed that students have had and passed physiology and been exposed to pathophysiology in previous nursing education.

Course Description:
This course is designed as an introduction to the basic concepts of pathophysiology. Students will examine the phenomena that produce alterations in human physiologic function and the resulting human response.

Successful completion of this course fulfills a major educational requirement toward a baccalaureate in nursing degree.

Course Objectives:
Upon completion of this course, the students will be able to:

1. Discuss and identify common human disease conditions.
2. Understand basic human physiology (review may be necessary) as it relates to the disease process.
3. With each disease process, the student will be able to identify, understand, and discuss; basic physiology as it relates to the disease (etiology), key signs, key symptoms, key diagnostics/identification, and possibly key treatments.
4. The course will focus on the science of pathophysiology and the students will be responsible to then connect and apply knowledge to their nursing profession.
5. Upon completion of this course, students will be able to effectively communicate, understand, and explain to other health care providers, family, and friends common human disease conditions and how it relates to them.

Credit Hours:
BIO 219: Pathophysiology comprises 3 credit hours
**Required Text:** A text book will be required; however the student does have some options. The first “text” is a note packet prepared by the instructor for the students. It is required. The second text listed is **HIGHLY recommended** as students will be **required** to read *(whatever you need to aid in your success being old, used, or new text)* about diseases listed in notes packet **prior** to coming to class. The third text is not required, just may be helpful to medical professionals. You might want to look at instructors copy prior to ordering to see if it would be helpful before spending the money.


Huether, S. E. McCance, K.L. (2012). Understanding Pathophysiology: 4th or 5th Edition. St. Louis, MO. Mosby/Elsevier *(any of the additions will work, you can find this online as low as $40)*

Rakel, R.E., (2000). Saunders Manual of Medical Practice: 2nd Edition. St. Louis, MO. Saunders/Elsevier *(you can find this new online as low as $65, this is an OUTSTANDING book to have if you are in the medical profession)*

**Course Activities:**

Lecture (lecture topics to be provided first day of class)
Class Discussion
Case Studies
Question/Answer
Reviews

**Grading:**

Total = 400 points

4 exams @ 100 points each

**Grading Scale:**

95 - 100 A+
90 - 94 A
85 - 89 B+
80 - 84 B
75 - 79 C+
70 - 74 C
65 - 69 D+
60 - 64 D
59 and below F
Dates and Time:

All classes will be held on Wednesday from between 1800-2230

Location:

All classes will be held on the Doane College Grand Island Campus located at: 3180 West US Hwy 34, Grand Island NE 68801

1. A grade of 70% must be attained in order to pass the course
2. Grades will not be scaled

Course Policies:

1. All school policies are to be followed as stated in the student handbook.
2. Cell phones and beepers must be turned off in class or placed on vibrate. NO texting or twitting in class will be tolerated. Student will be asked to leave class for the day.
   a. If it is necessary to use your phone, simply step out of class, take care of business, and return.
3. Class discussion topics are subject to change at the discretion of the course instructor.
4. Students are expected to arrive to class on time. Consistent tardiness can be disruptive to the class and instructor. Students will be notified by the instructor if tardiness is becoming a problem. Appropriate actions will be taken if necessary.
5. All course requirements must be met in order to successfully complete the course.

School Cancellation:

1. Please become familiar with Doane College Communication policy regarding the cancellation of classes.
2. If class is cancelled by Doane College due to weather or other college student safety concerns, notice will be put on the college answering machine and on all media outlets that post such closings. Decisions to cancel class will normally be made by 4:00 p.m. unless an emergency occurs after this time.
3. Please, DO NOT call instructor for this information.

Class Preparation:

Students will be required to read about diseases listed in Practical & Applicable Pathophysiology prior to class. Students will be expected to have some basic idea of the disease process to aid in discussion and participation in class. Class will be a time to clear up things, clarify, and further explain and discuss the more complicated diseases. Class time is not the time for “First exposure”. Space has intentionally been left in the note packet for students to take notes. Further details will be provided first day of class.