DOANE COLLEGE
BIO 219
Pathophysiology

Credit Hours: 3
Location: GI
Time: 6 pm – 10:30 pm
Dates: Mondays: Jan. 13th & 20th, Feb. 3rd and 17th, Mar. 3rd
Instructor: Drew Case, RN, MSN
Email: drew.case@doane.edu
Phone: Given in class

Blackboard: Please note that this will class will use “Blackboard” for assignments, grading, communication, etc. Go to https://bb2.doane.edu/webapps/login/ to log into Blackboard. Use the same “user name & password” as you do for your Doane e-mail. Please check on Blackboard for updates, announcement and changes to schedule. The dates will not change but what we do on those dates may.

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 (etiologic), 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.

**Required Text:** A textbook 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 also required. Students are expected to read about diseases listed in notes packet prior to coming to class. The third and fourth text are not required, just may be helpful to medical professionals. I will address this in class the first night. You might want to look at instructors copy prior to ordering to see if it would be helpful before spending the money.

Required - Case, A.D. (2012). Practical & Applicable Pathophysiology. Note packet provided through college bookstore (There will be a $10.00 course fee assessed for this resource)


**OPTIONAL: (wait, I will bring samples to look over)**


Rakel, R.E., (2000). Saunders Manual of Medical Practice: 2nd Edition. St. Louis, MO. Saunders/Elsevier *(you can find this used online as low as $4.50, 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

**Exams:**
Exams will be given the first hour of class, online, or take home (to be determined). You will be given one hour regardless of arrival time. Due to the time constraints, class has to begin one hour after the exam has been handed out. If unable to make class on exam day, it is the student's responsibility to make PRIOR arrangements. Make-up exams are subject to change at instructor
discretion such as different, longer, and possibly comprehensive. Extra credit is NOT provided on make-up exams. Due to how this class is set up, PLEASE do not miss exams.

**Grading Scale:**

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<tr>
<th>Score Range</th>
<th>Grade</th>
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<td>100 – 95</td>
<td>A</td>
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<td>94 – 90</td>
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<td>91 – 87</td>
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<td>59 &amp; below</td>
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**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 twittering 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” things up, 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.