

**DOANE COLLEGE**  
**17 AUTM: BIO 219 - 4**  
**Pathophysiology**

**Credit Hours:** 3  
**Location:** Omaha  
**Time:** 6 pm – 10:30 pm  
**Dates:** Tuesdays: 8/22, 9/12, 9/26, and 10/10  
**Instructor:** Drew Case, RN, MSN  
**Email:** [drew.case@doane.edu](mailto:drew.case@doane.edu)  
**Phone:** Drew – 402-381-8421

**Blackboard (Bb):** Please note that this 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.

See “Class Preparation” for more details on Hybrid Courses

**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.

### **Required Text:**

The “text” is a book prepared by the instructor specifically for the students in this course. It is required. It will be available prior to the start of class on Bb. The book in its entirety is available electronically to students at no cost. Students can print the book on campus at no cost in black and white or choose to take it somewhere and print it in color at their cost. Students are expected to read about diseases listed in the book **prior** to coming to class.

Case, Drew. (2014). The Keys To Success: Unlocking Pathophysiology. Book will be provided electronically on Bb. Copies can be printed on campus in B/W at no cost in the computer lab.

### **OPTIONAL:**

Case, Drew. (2014). The Keys To Success: Unlocking College Achievement. Amazon.com (ISBN-13 978-1500386948)

Rakel, R.E., (2000). Saunders Manual of Medical Practice: 2<sup>nd</sup> 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*)

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

### **Course Activities:**

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

### **Grading:**

4 exams @ 100 points each

**Total = 400 points**

### **Exams:**

All exams will be taken online. They will be timed and you will be given 1 hour (60 minutes) to complete each exam. Your time will start once you begin and will automatically shut off when time is out regardless of if the exam is complete. You will want to keep an eye on the time so you

do not run out. You cannot pause the exam or stop it once you have started it. The idea is to make this as much as possible just like taking an exam in class just at your convenience.

Make sure you have the time and appropriate environment to take the exam, once you start it, there is no stopping. Make sure your computer is working properly; “computer issues” are **NOT** considered valid reasons for not completing exams or on time.

Exams are considered “open book” as there is no possible means to monitor this. I **HIGHLY** recommend that you study and prepare as you would for any “in class exam” where you would **NOT** be allowed to use your book. You will not have enough time to look up all the answers and if you rely on the book and do not appropriately prepare, you will run out of time, trust me. The exam has been designed this way.

At the end of each exam you will be allowed to look at what you missed and why. Every question has an explanation for every answer as to why it is correct or incorrect. This is only available immediately after the exam and cannot be accessed at a later date so you may want to reserve at least 1 ½ to 2 hours to take the exam.

**ALL** exams are due at the beginning of the following class from when the unit was presented. **NO EXCEPTIONS!** If your exam is not taken at 6 pm on the due date, you will receive a zero for the exam. You will have as much as a week (TBA 1<sup>st</sup> night of class) to take the exam online. Example: exam one will be due Feb 3<sup>rd</sup> by 6 pm, exam two will be due Feb 17<sup>th</sup> by 6 pm. **Exam 4 will be due March 10<sup>th</sup> by 6 pm.**

### Grading Scale:

100 – 95 = A	76 – 74 = C
94 – 90 = A-	73 – 70 = C-
89 – 87 = B+	69 – 67 = D+
86 – 84 = B	66 – 64 = D
83 – 80 = B-	63 – 60 = D-
79 – 77 = C+	59 & below = F

### 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 the text **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”. Not everything in the book will be covered in class.

This class is considered a “Hybrid” course having both content online and in class. With this said, attendance will not be required (other than the first night of class, that is **required**) nor points given or deducted for not showing to class. Classroom lectures are an option for the student to learn, ask questions, and get a better understanding of the material. Students from previous classes **highly** advise attending lectures as grades tend not be as good when not attending lectures.