



**BSN Program  
NURS 3311 Health Alterations  
Syllabus**

**Instructor: Monica Tenhunen, DNP, RN, GNP-BC, ANP-C**  
**Instructor Email: [monica.tenhunen@tamuc.edu](mailto:monica.tenhunen@tamuc.edu)**  
**Office Location: Nursing Building**  
**Office Hours: By appointment**  
**Nursing Department: 903-886-5315**  
**Office Fax: 903-886-5729**

**COURSE INFORMATION**

**Materials- Textbooks, Readings, Supplementary Readings:**

**Textbook(s) Required:**

Story, L. (2012). *Pathophysiology: A Practical Approach* (with access code) (1<sup>st</sup> Ed). Jones & Bartlett Learning  
ISBN: 1449624081

**Other Resources:** online resources and articles as directed

**Prerequisites:** BSC 2401 and 2402, by approval of the Director of the Nursing Program

**Course Description: (3 credit hours)**

This course relates manifestations of disease, risk factors for disease, and the principles of pathology underlying illness and injury to therapeutic nursing interventions and outcomes.

**Student Learning Outcomes:**

By the end of the course, the student will be able to:

1. Apply principles of normal anatomy and physiology of human body systems to the pathophysiologic processes of common health problems.
2. Identify concepts, principles, and responses related to pathophysiologic processes that result in disease.
3. Discuss clinical manifestations of selected disease processes and health problems.
4. Identify appropriate pharmacological treatment of specific diseases using the nursing process.
5. Discuss the nurse's role and responsibility for assessment of individuals experiencing health problems that result in pathophysiologic alterations

## COURSE REQUIREMENTS

### Instructional / Methods / Activities Assessments

This is a blended course requiring students to complete classroom and online activities as well as independent study to be successful. Course objectives may be met through individual study using suggested resources, active involvement in classroom activities, formal, and informal exchange of ideas with classmates and colleagues regarding specific topics as well as utilizing critical thinking skills. Additional teaching methods will include: In-class activities, written assignments, minimal lecture, discussion, world-wide-web-resources, web-based discussions, email interactions, required readings, online quizzes/examinations, and library/internet searches.

### Grading

Grades will be determined as follows:

Exams (4)	44% (11% each)
In-class Case Studies (6)	30% (5% each)
Pathophysiology Concept Map	6%
Final Comprehensive Exam	20%
<b>TOTAL</b>	<b>100%</b>

Grading Scale:

A = 90-100

B = 80-89

C = 75-79

D = 67-74

F = 66 and Below

A minimum grade of 75 is required to pass the course.

## TECHNOLOGY REQUIREMENTS

This course will be enhanced using eCollege, the Learning Management System used by Texas A&M University-Commerce. To login to the course, go to: <http://leo.tamuc.edu/login.aspx>.

You will need your CWID and password to log in to the course. If you do not know your CWID or have forgotten your password, contact Technology Services at 903.468.6000 or [helpdesk@tamuc.edu](mailto:helpdesk@tamuc.edu)

The following hardware and software are necessary to use eCollege.

*-Internet access/connection-high speed recommended (not dial up)*

*-Word Processor (MS Word, or Word Perfect)*

Our campus is optimized to work in a Microsoft Windows environment. This means our courses work best if you are using a Windows operating system (XP, Vista, or 7) and a recent version of Microsoft Internet Explorer (6.0, 7.0, 8.0, or 9.0).

Your courses will also work with Macintosh OS X or better along with a recent version of Safari (5.1 is now available). Along with Internet Explorer and Safari, eCollege also supports the Firefox browser (3.0) on both Windows, and Mac operating systems.

It is strongly recommended that you perform a "Browser Test" prior to the start of your course. To launch a browser test, login to eCollege, click on the "myCourses" tab, and then select the "Browser Test" link under Support Services.

## COMMUNICATION AND SUPPORT

### **Interaction with Instructor Statement:**

Communication between faculty and students is primary and taken seriously. Preferred communication methods are individualized office hours, email, or via office phone. If a phone call is not answered please leave a message and send an e-mail using the direct e-mail link on the course home page. You will be treated with collegial respect and you are expected to communicate likewise in a professional manner.

## COURSE AND UNIVERSITY PROCEDURES/POLICIES

### **CLASS**

1. Class Cancellation: In the event that a class is canceled, the student is expected to do the readings and complete the objectives for that day. The content will still be included on examinations. The material in this syllabus and dates identified in the Course Calendar are subject to change.
2. Class attendance is mandated by current Nursing Program policy. Refer to the Nursing Student Handbook.
3. If you do not call/email prior to or do not show up on time for an exam, you will NOT be able to take the exam.
4. Students who miss an exam must make an appointment with the course instructor.
5. As an adult learner and responsible professional, the student is responsible for reading and completing assignments prior to class and for being prepared to participate in discussions over the assigned material. It should not be expected that all material will be covered in class. Students are expected to come to class prepared.
6. Assignments must be handed in on time. Assignments submitted late without prior arrangement with the classroom instructor will receive a 0.

### **University Specific Procedures**

#### ADA Statement

The Americans with Disability 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 have a disability requiring an accommodation, please contact:

#### **Office of Student Disability Resources and Services**

**Texas A&M University-Commerce**

**Gee Library 132**

**Phone (903) 468-8148**

**Fax (903) 468-8148**

[StudentDisabilityServices@tamu-commerce.edu](mailto:StudentDisabilityServices@tamu-commerce.edu)

Student Disability Resources & Services

#### **Student Conduct Code – Refer to the BSN Student Guide**

Students must adhere to standards of professional and academic conduct. Academic misconduct involves any activity that tends to compromise the academic integrity of the University, or subvert the educational process, including, but not limited to, cheating, plagiarism, falsifying academic records, misrepresenting facts and any act designed to give unfair academic advantage to the student or the attempt to commit such an act. Students are responsible for their own academic honesty and for reporting violations of academic honesty by others.

## COURSE OUTLINE / CALENDAR

<b>Week</b>	<b>Monday Date</b>	<b>Course Content</b>	<b>Reading Assignments</b>
1	January 13	<b>Orientation-Class Meeting</b> Cellular Function	Story, Chapter 1
2	January 20	Body Defenses <b>Class Meeting-Case Study-Stress</b>	Story, Chapter 2
3	January 27	Endocrine Function	Story, Chapter 10
4	February 3	<b>Exam #1 (Cellular, Defenses, Endocrine)</b> Hematopoietic Function <b>Class Meeting-Case Study-Differential</b>	Story, Chapter 3
5	February 10	Sensory Function	Story, Chapter 14
6	February 17	Respiratory Function <b>Class Meeting-Case Study-COPD</b>	Story, Chapter 5
7	February 24	<b>Exam #2 (Heme, Sensory, Respiratory)</b> Fluid, Electrolyte & Acid-Base Homeostasis	Story, Chapter 6
8	March 3	Cardiovascular Function <b>Class Meeting-Case Study-MI</b>	Story, Chapter 4
	March 10	SPRING BREAK	
9	March 17	Gastrointestinal Function	Story, Chapter 9
10	March 24	<b>Exam #3 (F/E, Cardio, GI)</b> Neural Function <b>Class Meeting-Case Study-Alzheimer's</b>	Story, Chapter 11
11	March 31	Musculoskeletal Function	Story, Chapter 12
12	April 7	<b>Class Meeting-Patho Concept Map</b>	
13	April 14	Urinary Function	Story, Chapter 7
14	April 21	<b>Exam #4 (Neuro, Musculoskeletal, Urinary)</b> Integumentary Function <b>Class Meeting-Case Study-Burns</b>	Story, Chapter 13
15	April 28	Reproductive Function	Story, Chapter 8
	May 5	<b>Final Comprehensive Exam</b>	

## Pathophysiology Concept Map Grading Criteria

Criteria	Possible Points	Points Earned
1. Identification of correct risk factors and causative factors COMMENTS:	10	
2. Correct description of pathophysiology of disease COMMENTS:	25	
3. Correct identification/definition of manifestations (signs/symptoms) and laboratory/diagnostic tests for the identified disease COMMENTS:	25	
4. Identification of appropriate nursing and medical interventions for the identified disorder COMMENTS:	25	
5. Correct use of APA format with references COMMENTS:	5	
6. Includes appropriate relationships between various aspects of concept map COMMENTS:	5	
7. Correct spelling, grammar, and punctuation COMMENTS:	5	
<b>Total Points</b>	<b>100</b>	

# Pathophysiology Concept Map

Complete a concept map for your assigned medical diagnosis. Include pathophysiology of the disease, risk factors, causative factors, signs/symptoms, laboratory/diagnostic tests, medical treatments, and nursing interventions. Make sure to include an in-text reference on the page and a reference page in APA format. This is an example.

