Pathophysiology

Course Syllabus

Fall 2015

Course Number:  BIOL 2340  A

Course Title:  Pathophysiology

Course Description:
Systematic study of the functional changes in human cells, tissues and organs altered by disease and/or injury. Emphasizes alterations in body systems – structural and functional – related to disease and injury states and their impact on individuals across the lifespan.

Placement: Undergraduate

Prerequisites: Human Anatomy and Physiology I and II preferred.

Credit Hours:  3 credit hours

Nursing Program Requirement: A grade of B or higher in math and science courses.

Course Goals & Objectives:
Students will achieve the following learning outcomes:

1. Describe principles and concepts in physiology which illustrate how an uncontrolled factor can alter or disrupt normal organ function, creating a health alteration which leads to illness.
2. Identify disease processes and associated alterations in normal body system structure and function.
3. Compare primary symptoms, signs and etiology of disease processes with normal system structure and function.
4. Describe common disease processes that affect individuals across the lifespan: infants, children, adults and older adults.
5. Describe the inter-relationships between body systems and the impact of altered structure and function within one system on other systems.
6. Using clinical case examples, relate patient signs and symptoms to underlying pathophysiologic processes.

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Phone: (409)739-4514
The University of Saint Thomas


Methods of Instruction

- assigned readings from required textbook
- class discussion
- discussion board question and answers

Blackboard Course Access: Pre-class interactive preparation for the course is posted at UST’s Blackboard which can be accessed through the UST website at http://www.stthom.edu

Evaluation:

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<td>Exam 1:</td>
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<td>Exam 2:</td>
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<td>Final Exam:</td>
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Grades are awarded based on the following scale:

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<th>A 95 - 100</th>
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<td>90 - 94</td>
<td>C+ 77 - 79</td>
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Course Requirements:

Attendance: Class attendance is required and the student is responsible for all material covered. If the student is not able attend class, the instructor should be notified immediately – preferably before the missed session or the student may relinquish their ability to make up missed material.

Netiquette: Netiquette refers to the generally accepted rules of behavior for communicating in the online environment.

Please follow these guidelines in all your online responses and discussion groups.

RESPECT. We would like to suggest respectful exchanges as a basic ground rule. We feel that informational errors should be pointed out respectfully (even if stated strongly). Disagreements that honor the viewpoints of the various contributors are productive and can lead to new learning and understanding. If you use abusive or offensive language, you will be blocked from the discussion area and potentially removed from this course. If that is the case, you will not receive a refund of your tuition or fees.
**PRIVACY.** Keep in mind not only your own privacy rights but others' as well. Do not reveal any information that you deem private.

**BE CONSIDERATE** of grammatical/spelling errors.

**REMEMBER** that humor and satire are often misinterpreted online. Communication is more than words. So be prepared for some misunderstanding and requests for clarification.

**BE SUPPORTIVE.** We are all still learning. Our job is not to judge or condemn or even praise, although genuine encouragement is a necessary ingredient. We are here to provide information, to address topics in a discussion forum, and to provide assistance in helping each participant use her/his own unique learning style. Reflection generally precedes growth. So reflect upon what is said, provide sincere comments, and hopefully, we will all grow.

One good way to avoid problems is to reread your postings before sending them. Something written in haste may be misread.

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**Cell phones and beepers:** During class sessions, please keep cell phones and beepers on vibrate or silent mode during class. Do NOT text during class or talk on your cell phone. This is disruptive to the class and you will be asked to leave the classroom if you cannot follow this rule. If you have an emergency communication, please exit and discuss this outside of the classroom to prevent class disruption.

**Computer Use Policy:** You may use a computer to take notes or refer to class materials in class but not during quizzes or exams. You may be asked to turn off your computer if it is used in ways not permitted in the classroom.

**Course Evaluation**

There is an end of semester evaluation for this course. This evaluation is short and confidential and we encourage you to complete it since your input is very valuable to us. Two weeks prior to the end of the semester you will be able to access the evaluation by going to the evaluation page.

**Student Resources**

Students are encouraged to go the UST library as well as other internet sources as needed.

**Student Accommodations**

In accordance with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, the instructor will make all possible and reasonable adjustments in policies, practices, services, and facilities to ensure equal and optimal educational programs and activities. Whenever a special accommodation is necessary to ensure access to full participation by students with disabilities, the student must inform the instructor of any disability or needed accommodations. The University Office for ADA Compliance may ask to seek proof of disability and specify accommodations as requested by students. Students with special needs should inform the instructor within the first two weeks of class. Students must also contact the Office of Counseling and Disability Services (2nd floor of Crooker Center) by calling Dr. Rose Signorello at 713-525-3162 or Ms. Debbie Jones at 713-525-6953; the Office is open 8-5 Monday through Friday.

The accommodations will become official when the instructor receives official, written notification from the officer in charge of ADA compliance. Students should contact the instructor immediately if
new needs arise. Students can see the instructor before or after class or request another time to discuss any matters. All information will be kept confidential.

**Academic integrity:**

UST Students should demonstrate integrity in all of their activities, both personal and professional. Any unprofessional behavior or failure to adhere to the honor system is a serious violation of integrity and may result in failure of the course.
The SON Student Handbook contains detailed information on plagiarism and related policies. Students are held accountable for knowing and adhering to these policies. Please note that Turn It In software will be used routinely to help address insufficient documentation; this software can detect plagiarism.